

BUILT FOR USERS

DW IP PRODUCT CATALOG | 2026

NDAATAA
COMPLIANT PRODUCTS



DW
DIGITAL WATCHDOG®



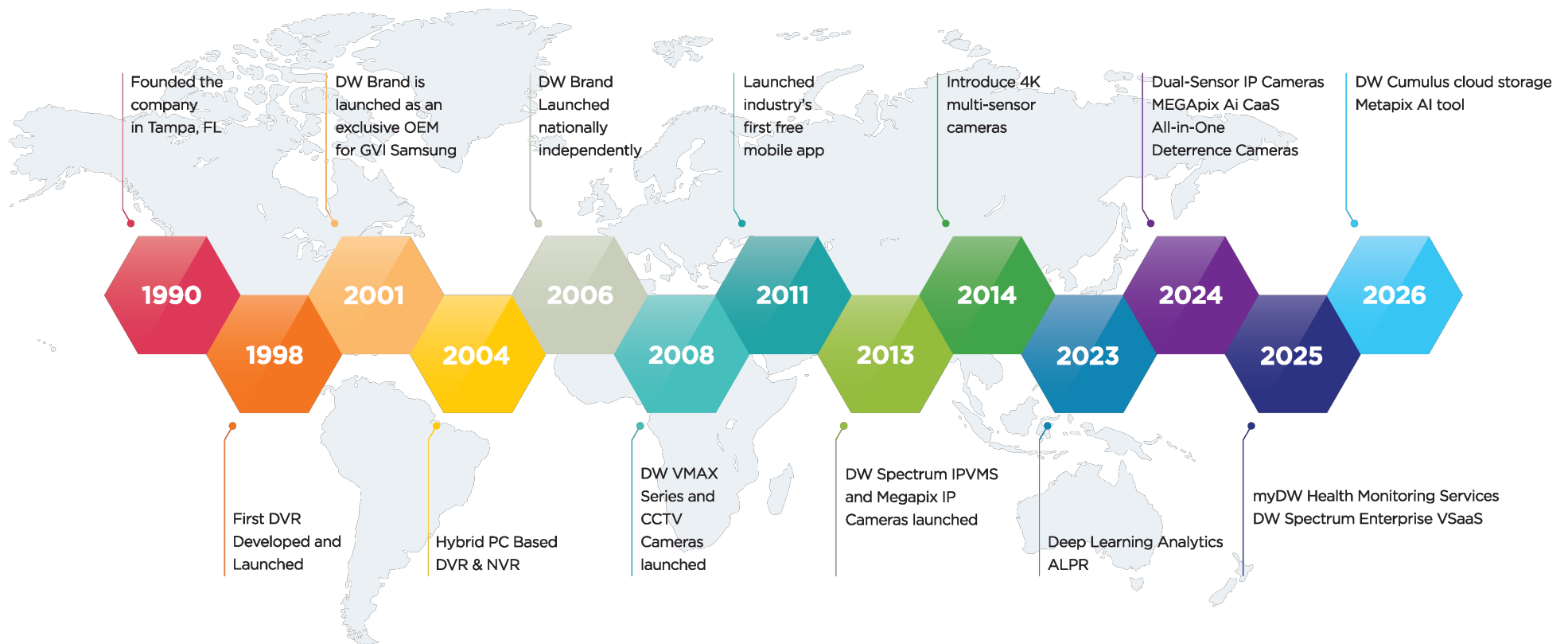


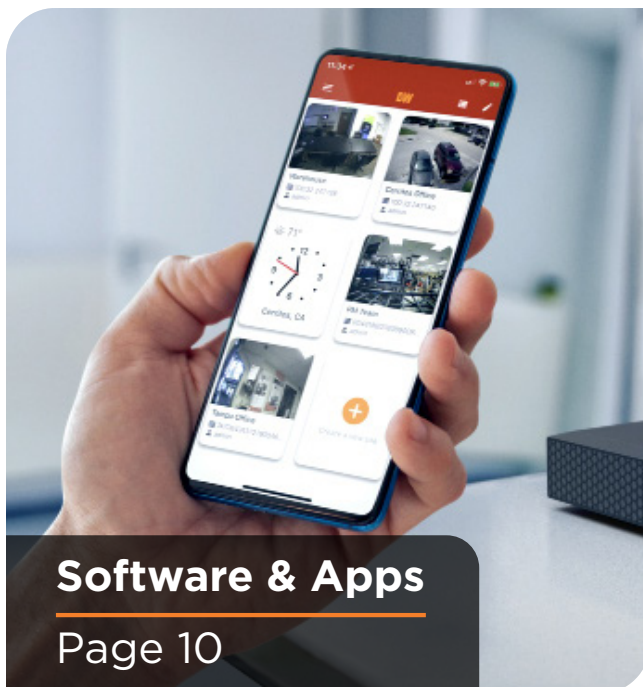
QUALITY • PERFORMANCE • USABILITY

ABOUT DIGITAL WATCHDOG

About Us

Founded in 1987, Digital Watchdog is a leading manufacturer of complete surveillance solutions, offering stunning image quality, advanced hardware capabilities, superior video management, and reliable customer support. With offices in Cerritos, California and Tampa, Florida, and manufacturing facilities in Seoul, Korea, DW is committed to delivering powerful security solutions to its customers worldwide.







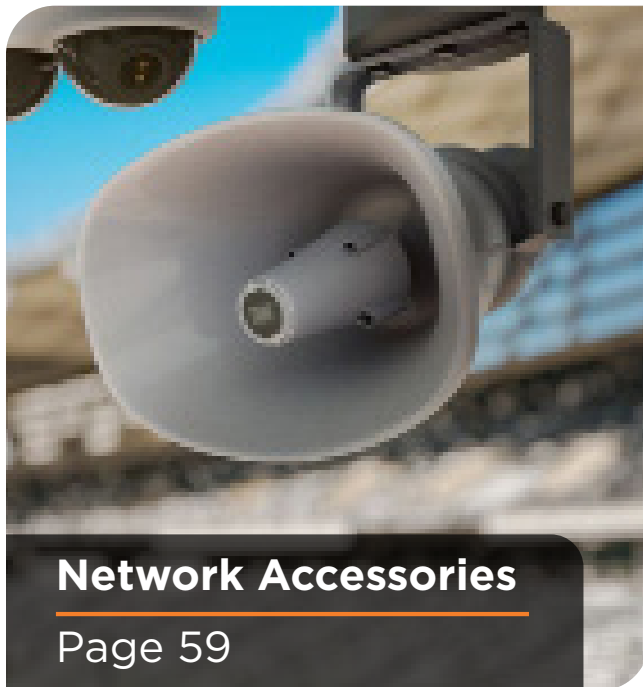
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Channel Partner Program & DW University

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CLOUD-OPTIMIZED VIDEO ARCHIVING

Introducing the DW COVA

The DW COVA (Cloud-Optimized Video Archiving) is the newest innovation from Digital Watchdog. This NVR allows you to easily manage and monitor your site remotely through COVA's intuitive user interface and integration with myDW cloud services.



Headless Unit With Easy Setup

The DW COVA is easy to set up and does not require a mouse, keyboard, or monitor to operate. All settings and features are accessible from another device.



Built-in PoE

This NVR can power the cameras directly from the unit. So, no need for more cables or switches and power your cameras.



myDW Integration

myDW gives your COVA access to a wide variety of user management and health monitoring features.

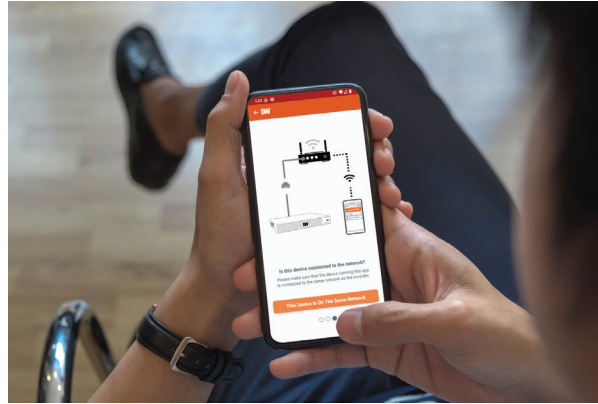


Setup as Easy as 1-2-3!

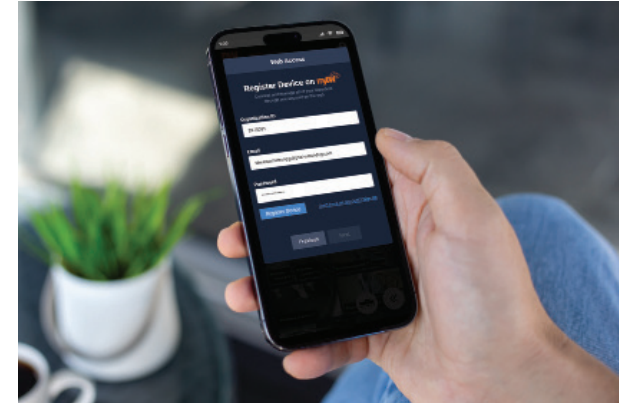
- 1 Connect your COVA to devices and power.



- 2 Use the DW Mobile Plus app to find your COVA.



- 3 Register your COVA to your myDW account.



PART NUMBER		DW-COVA16	DW-COVA8	DW-COVA4
Operating system		Embedded Linux		
Video compression		H.265, H.264		
System	Channel	16 channels PoE	8 channels PoE	4 channels PoE
	No. of PoE	16-PoE channels, 100Mbps, 802.3af/at	8-PoE channels, 100Mbps, 802.3af/at	4-PoE channels, 100Mbps, 802.3af/at
Display	Speed	Total 480fps	Total 240fps	Total 120fps
	Screen mode	1, 4, 9, 12 and 16	1, 4 and 9	1 and 4
Max. HDD bay and storage		2x SATA HDD, up to 32TB	2x SATA HDD, up to 32TB	1x SATA HDD, up to 16TB
Video input		IP camera max. 8K (7680x4320)	IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)
Video output		True HD output, VGA, up to 3840x2160 (4K) local display output		
Recording speed		Up to 480fps up to 4K resolution, max 192Mbps	Up to 240fps up to 4K resolution, max 80Mbps	Up to 120fps up to 4K resolution, max 80Mbps
Recording resolution		Simultaneous dual stream recording		
Audio input/output		16-channels input from supported IP cameras	8-channels input from supported IP cameras	4-channels input from supported IP cameras
Alarm input / Relay output		8-channel inputs / 4-channel outputs	---	---
PTZ control		RS-485, ONVIF	ONVIF	
LAN		1 x Gbps Ethernet (RJ45)		
Power requirements		48V DC, 3.75A	48V DC, 2.5A	48V DC, 1.25A
Power consumption		≤ 20W (without HDD and PoE power supply) 150W total power output on PoE ports	≤ 10W (without HDD) 80W total power output on PoE ports	≤ 10W (without HDD) 48W total power output on PoE ports
Operating temperature		14 ~ 122°F (-10 ~ 50°C)		
Dimension (WxDxH)		14.96" x 10.55" x 1.77"	14.96" x 10.55" x 1.77"	11.81" x 9.8" x 1.77"
Warranty		5 year limited warranty		



myDW Benefits

myDW is Digital Watchdog's cloud-based health monitoring and event management platform that provides proactive peace of mind. A single, intuitive dashboard delivers real-time system visibility, smart alerts, secure clip sharing, and automated reports. With no software installs, cybersecurity, two-factor authentication, and roaming profiles, myDW reduces downtime and simplifies multi-site surveillance management.



User Management

Manage users from multiple organizations from a single dashboard for easy control over users and access to systems.



Alerts

Create alert rules and receive alerts when something goes wrong with your recorders or cameras.



Video Sharing

Assign events to users and export and share clips of events with your company or law enforcement via the cloud.



Reduced IT Workload

Automated tools and no software to install help reduce overhead and additional IT personnel, saving time and money.



Reports

Create reports that give you detailed health information and insights from your recorders and cameras.



Safe and Secure

With secure connections, there is no need to open ports, and 2FA, myDW makes sure your data is safe.

DW Spectrum Enterprise

DW Spectrum Enterprise delivers secure, scalable video surveillance as a service — giving you total visibility, AI-powered insights, and predictable costs, all managed from a single cloud dashboard.



Cloud-First Management

Control every site, user and device from anywhere



AI & Analytics

Detect, classify and respond faster with built-in DW AI analytics.



Predictable Subscription model

Scale without surprise expenses or complex licensing.



Enterprise Security & Compliance

End-to-end encryption, role-based access and government compliance.

**VSAAS MANAGEMENT
SOLUTION FOR THE MSP.**

DW Spectrum Enterprise puts your entire security operation in one cloud-based platform — so you can cut costs, save time, and stay focused on running your business. Click on the vertical markets below to learn more how DW Surveillance Solutions are the ideal partner to any market, business and need.



Monitoring and Alerts

- Cross-organization notifications
- Device Status and Events



Compliance and IT

- Systems are always up to date
- Outsource IT support



Scalability at Ease

- Systems are always up to date
- Outsource IT support



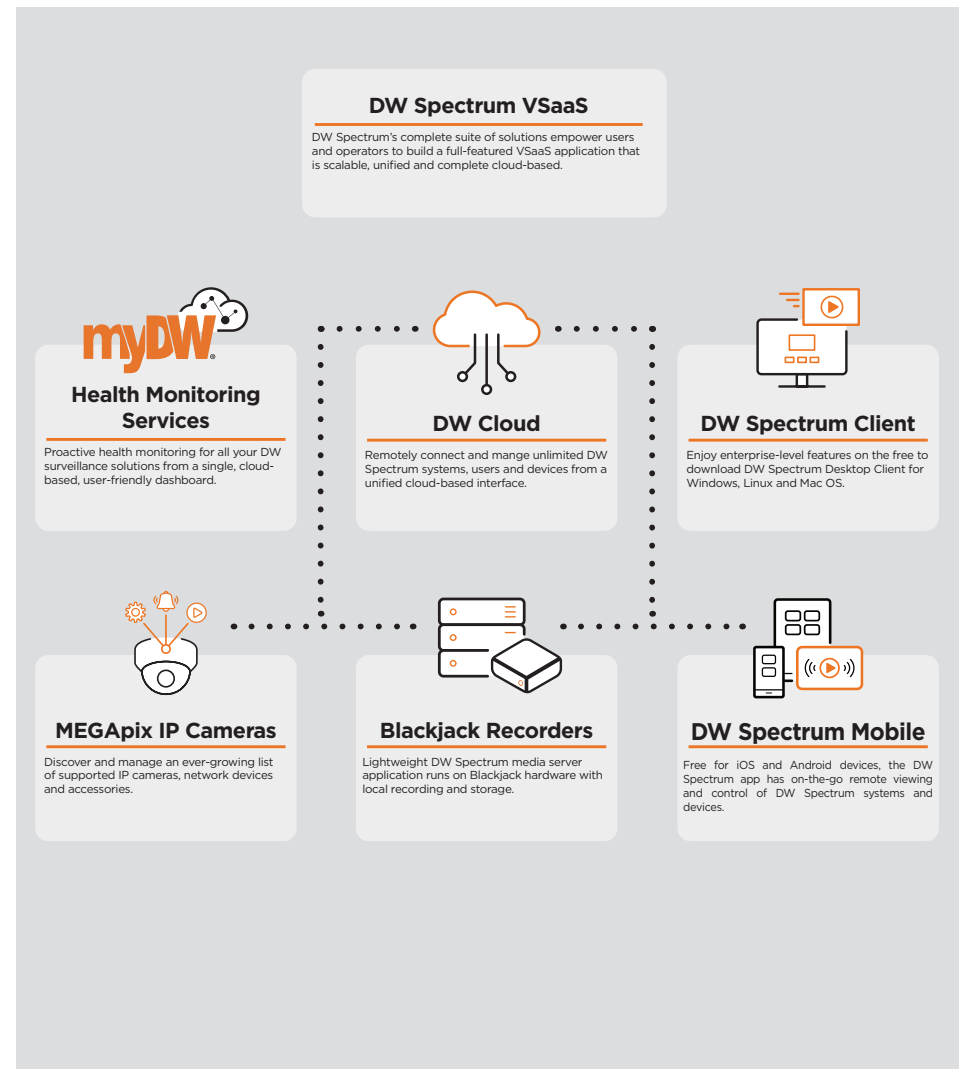
Remote Control

- Manage users across multiple sites
- Multi-site systems management



Data Visualization

- Layered DW Maps
- User-Friendly Visual Dashboard



DW Spectrum Enterprise Benefits



An intelligent GIS mapping tool that enhances any DW Spectrum solution with advanced geolocation visualization, transforming how you monitor and manage devices across the globe.



Combine on-premise reliability with cloud flexibility. DW's all-in-one platform delivers connectivity, control, and computing — scalable from terabytes to petabytes in minutes.



Visualize entire installations

See every camera, sensor and device across all your sites in real time.



Keep Your Data Secure

DW Cumulus ensures data is properly encrypted and your system compliant.



Bring your own GIS data

Native support for online map services plus your existing GIS layers and CAD drawings.



Better Cost Control

Great flexibility and easy scalability to manage storage size as your needs change.



Total situational awareness

Alarms appear directly on the map. Live and recorded footage is one click away.



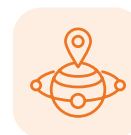
No Maintenance or complicated setup

DW handles everything from hosting and delivery to services and system updates.



Navigate effortlessly

Jump between cities, buildings and floors right off the map. Multi-site operations feel as simple as a single location.



Access Your Data Anywhere, Anytime

Add DW Cumulus so you can access your system even if your primary storage is down.

ADVANCED AI VISUALIZATION DASHBOARD

Metapix AI Servers

Smart Video Analytics Enterprise Actionable Intelligence

Built for the DW Spectrum VSaaS ecosystem, Metapix AI simplifies people, faces, vehicles, and license plates management at an enterprise scale.

Metapix AI is a hybrid-deployed solution, sold fully on-prem hardware with cloud-connection access, ready to integrate with any existing DW Spectrum applications.

NDAA/TAA
COMPLIANT PRODUCT



Edge-to-Cloud Processing

Hybrid architecture with on-prem robust hardware paired with cloud-powered rapid analytics.



Powerful Search

Advanced search with object-specific keywords.



AI-based Analytics

Advanced algorithms extract actionable insights from visual data.



Data Visualization

Customizable, shareable dashboards for traffic analysis, demographics, and organizational intelligence.



Facial Analytics

People counting, facial recognition, age and gender estimation.



Industry Compliance

DW's products qualify for GSA Schedule Contracts and government opportunities.



Vehicle Analytics

Detect and count vehicles, license plate recognition.



Smart Notifications

Create watchlists combined with smart rules and event notifications for proactive security management.

PART NUMBER		DW-BJMAiP	DW-BJMAiDX	DW-BJMAiJ
Included DW Spectrum IP licenses		4 (1x DW-SPECTRUMLSC004)	4 (1x DW-SPECTRUMLSC004)	4 (1x DW-SPECTRUMLSC004)
Form factor		2U Rackmount	Slim Desktop	1.5U Desktop
Operating system	---	Ubuntu 22.04 Desktop LTS	Ubuntu 22.04 LTS	Ubuntu 20.04 (NVIDIA Jetson Proprietary)
	OS on SSD	480GB SSD	480GB SSD	eMMC + SSD
CPU		12th Gen Intel® Core™ i7 processor		NVIDIA Jetson Xavier
Memory		32GB	32GB	8GB
Ethernet port		1 x 1Gb Ethernet, 1x 2.5Gb Ethernet		
System	Max video storage rate (Mbps)	320 Mbps	320 Mbps	40 Mbps
	Number of PoE	---	---	8
Storage	Max # of analytic streams (secondary)	Up to 12	Up to 12	Up to 4
	Maximum hard drives	6 x SATA HDD	2 x SATA HDD	2 x SATA HDD
	Maximum storage	120TB	40TB	40TB
	RAID	RAID5	---	---
Video-Out	Outputs	1x miniDP output, for system configuration		1x true HD output, for system configuration
	Video card	NVIDIA 2000 ADA 12GB	NVIDIA RTX 2000 ADA	---
Preloaded VMS software		DW Spectrum®		
Preloaded Analytic software		Cross-platform - Windows®, Linux Ubuntu® and Mac®		
Remote clients		DW Metapix Gateway		
Mobile apps		iOS® and Android®		
Keyboard and mouse		Included		
Rail kit		Included	---	---
Power supply		400W**	300W**	300W**
Operating temperature		41°F-104°F (5°C-40°C)		
Dimension (WxDxH) (inches)		17.3" x 21.9" x 3.5"	13.1" x 3.88" x 15.8"	17.3" x 15.7" x 2.79"
Warranty		5 year limited		



DW spectrum®

CLOUD VIDEO MANAGEMENT

DW Spectrum Professional

DW Spectrum Video Management Services is a cloud-based, cutting-edge approach to surveillance, addressing the primary challenges of managing enterprise-level video while offering actionable, data-driven monitoring at the lowest total cost of deployment on the market. DW Spectrum is the foundation of proactive video security solutions.



Open Architecture

DW Spectrum is an endlessly customizable platform, tailored for any project or use by anyone on any device.



Future-Proof Infrastructure

DW Spectrum features a hive architecture that ensures your surveillance network is ready to expand, accommodating increasing data and device requirements seamlessly.



DW Cloud™ Connectivity

Connect, access, manage and control your system from anywhere, ensuring a secure, remote connectivity in real-time without geographical limitations.



Standard Advanced Features

Streamline your security solution with a robust, yet simple to deploy powerful features and technology in every DW Spectrum product.



Easy-to-Use Interface

The user-friendly interface empowers operators and users to do more. DW Spectrum's platform enhances cooperation with shared data that is easy to find and understand.



AI-Driven Solution

Add any 3rd party camera or IoT technology partner to ensure a versatile and flexible system that meets your unique needs.



COMMAND | CONTROL | COMMUNICATE

The C3 is a remote management software suite for DW VMAX recording solutions, providing a powerful and easy-to-use new way to monitor your systems.

SUPPORTED OPERATING SYSTEM:  Windows |  Mac



Multiple NVR Connections

Monitor live and recorded data from up to 256 sites simultaneously. Use up to 2 monitors for an unparalleled 288 total cameras at the same time.



Free Download; No Fees

C3 CMS is completely free to download, update and use. There are no hidden fees, no licenses and no subscriptions.



Easy Video Clip Backup

Quickly export video from all devices on the network easily for archive back-up.



Customizable layouts

The C3 CMS supports conventional grid-line layouts, user-friendly panoramic, corridor or 2x2 views with live and recorded video on the same screen at the same time.



Remote NVR Configuration

Remotely configure NVR settings and firmware upgrades.



Health Monitor & Event Server

Monitor system health and setup alerts and notifications.

VMAX® ip **G4**™



PLUG-AND-PLAY POE NVRS

Network Video Recorders

NVRs with PoE built-in.

NDA/TAA-compliant PoE NVR with 4K video in a user-friendly standalone solution. VMAX IP G4 NVRs are easy-to-use PoE recorders that allow you to go from power up to monitoring in minutes!



Simple and safe

Complete the installation from power up to monitoring in minutes.



4K with Local PoE

Record and manage IP cameras at up to 4K with local power for up to 16 IP cameras via resident PoE switch.



Mobile Apps

Access your system remotely or turn your phone into a security camera streaming video to the NVR via the DW Witness app.

NDA/TAA
COMPLIANT PRODUCT



PART NUMBER		DW-VG416xT16P	DW-VG412xT8P	DW-VG49xT4P
Operating system		Embedded Linux		
Video compression		H.265, H.264		
System	Channel	16 channels PoE	8 channels PoE + 4 bonus channels	4 channels PoE + 5 bonus channels, 9
	No. of PoE	16-PoE channels, 1Gbps, 802.3at	8-PoE channels, 100Mbps, 802.3at	4-PoE channels, 100Mbps, 802.3at
Display	Speed	Total 480fps	Total 360fps	Total 270fps
	Screen mode	1, 4, 9, 12 and 16	1, 4, 9 and 12	1, 4 and 9
Max. HDD bay and storage		2x SATA HDD, up to 32TB	1x SATA HDD, up to 16TB	1x SATA HDD, up to 16TB
Video input		IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)
Video output		True HD output, VGA, up to 3840x2160 (4K) local display output, RTSP streaming		
Recording speed		Up to 480fps up to 4K resolution, max 160Mbps	Up to 360fps up to 4K resolution, max 80Mbps	Up to 270fps up to 4K resolution, max 40Mbps
Recording resolution		Simultaneous dual stream recording		
Audio input/output		1-channel input / 1-channel output		
Alarm input / Relay output		8-channel inputs / 4-channel outputs	4-channel inputs / 1-channel output	4-channel inputs / 1-channel output
PTZ control		RS-485, ONVIF		
LAN		1 x Gbps Ethernet (RJ45)		
Power requirements		48V DC, 3.75A	48V DC, 1.875A	48V DC, 1.25A
Power consumption		180W total power budget (recorder + PoE ports) 160W per PoE port 30W	120W total power budget (recorder + PoE ports) 72W per PoE port 30W	60W total power budget (recorder + PoE ports) 48W, 12W per PoE port 30W
Operating temperature		32-113 °F (0-45 °C)		
Dimension (WxDxH)		14.96" x 10.55" x 1.77" (380 x 268 x 45 mm)	11.81" x 9.8" x 1.77" (300 x 249 x 45 mm)	11.81" x 9.8" x 1.77" (300 x 249 x 45 mm)
Warranty		5 year limited warranty		

AI VIDEO SOLUTIONS WITH OBJECT DETECTION AND CLASSIFICATION.



Person Vehicle Person

DW Ai Technology

MEGApix Ai Cameras, Blackjack Ai Servers and Appliances place the power of AI at your fingertips, with object detection, classification and tracking. DW's AI technology detects only the objects you want, significantly reducing false notifications, conserving recording storage and enabling a more efficient monitoring solution.

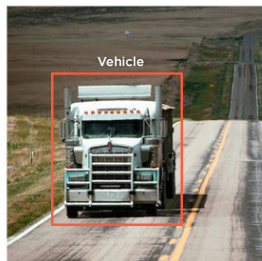
Accurate Object Classification

The AI-based Object Tracker allows the automatic classification of people, cyclists, cars, buses, vans, trucks, motorcycles, bicycles and bags.

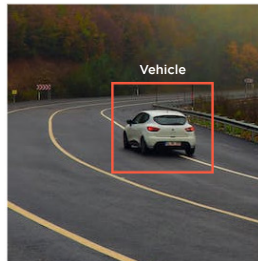


AI-Based Analytics

DW's AI engines automatically classify objects in the scene: people, cyclists, cars, buses and vans, trucks, motorcycles, bicycles and bags.



Trucks



Cars



Humans

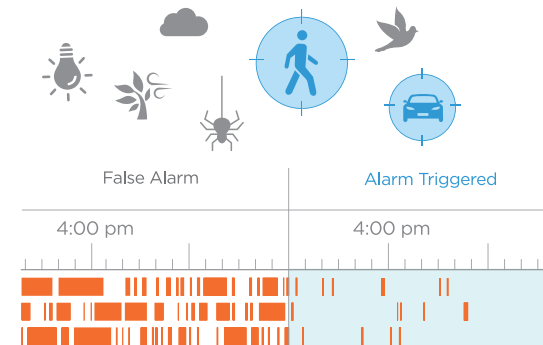
Easy Setup (No Calibration)

DW Ai solutions process and identify objects in the video and index them without the need for complicated calibration or settings.



Reduce False Alarms

Categorizes moving objects and people, distinguishing them from environmental items such as spiders, shadows and moving lights to reduce false alarms and save on storage.





Blackjack[®]Ai[™]

AI-BASED ON-PREM SERVERS & APPLIANCES

AI Servers and Appliances

Blackjack Ai Artificial Intelligence servers and appliances are purpose-built solutions with built-in server-side analytics that unlock advanced AI capabilities on any connected video stream. These cost-effective, plug-and-play solutions, with servers powered by DW Spectrum, combine high-performance recording with video analytics in an easy-to-deploy, turnkey solution.



DW Spectrum Servers

Blackjack Ai servers are DW Spectrum servers with built-in server-side analytics that unlock advanced AI capabilities on any connected video stream.



All-in-One Device

Achieve lower deployment costs with a single device that performs as a server and an Analytics appliance.



Lower Total Cost of Ownership

Enjoy higher flexibility and scalability with a video recording solution enhanced with deep-learning video analytics in a single appliance for any camera network.



AI Appliances

Blackjack Ai Appliances are ideal additions to DW Spectrum systems looking to add AI Deep Learning (DL) to existing video streams.



Add AI to Any Stream

Bring server-side analytics and machine learning to any video stream, providing comprehensive video analytics in a user-friendly, scalable solution.



Industry-Level Hardware

Available in both desktop and rack-mount solutions with next-generator processors and video cards, allowing users to deploy advanced analytics on up to 64 streams.

Blackjack Ai Rack servers

Blackjack Ai DX servers

NDA/TAA
COMPLIANT PRODUCT



PART NUMBER		DW-BJAi2R	DW-BJAiR	DW-BJAiP	DW-BJAiDX	DW-BJAiHDX71	DW-BJAiHDX51
Included DW Spectrum IP licenses		8 (2x DW-SPECTRUMLSC004)	8 (2x DW-SPECTRUMLSC004)	4 (1x DW-SPECTRUMLSC004)	4 (1x DW-SPECTRUMLSC004)	4 (1x DW-SPECTRUMLSC004)	
Included DW Ai Server Licenses		8 (2x DW-AiSLSC004)	8 (2x DW-AiSLSC004)	4 (1x DW-AiSLSC004)	4 (1x DW-AiSLSC004)	4 (1x DW-AiSLSC004)	
Form factor		2U Rackmount	2U Rackmount	2U Rackmount	Slim Desktop	Slim Desktop	Slim Desktop
Operating system	Windows 11	DW-BJAi2RxxT	DW-BJAiRxxT	DW-BJAiPxxTR	DW-BJAiDXxxT	DW-BJAiHDX71xxT	DW-BJAiHDX51xxT
	OS on SSD	2 x 240GB NVMe SSD (RAID1)	2 x 240GB NVMe SSD (RAID1)	480GB SSD	480GB SSD	480GB SSD	
CPU		Dual XEON Gold 6248R	XEON Gold 6248R	Intel® i7 processor	Intel® i7 processor	Intel® i7 processor	Intel® i5 processor
Memory		64GB	32GB	32GB	32GB	16GB	16GB
Ethernet port		2x 10Gb SFP+, 2x 1Gb base-T	2x 10Gb SFP+, 2x 1Gb base-T	2x gigabit Ethernet ports (RJ45)	1 x 1Gb Ethernet, 1x 2.5Gb Ethernet	1 x 1Gb Ethernet, 1x 2.5Gb Ethernet	1 x 1Gb Ethernet, 1x 2.5Gb Ethernet
System	Max video storage rate (Mbps)	600Mbps	600Mbps	320Mbps	480Mbps	480Mbps	320Mbps
Storage	Max # of analytic streams (secondary)	Up to 128	Up to 64	Up to 64	Up to 64	Up to 10, Hailo AI edge depp learning processor	
	Maximum hard drives	8x HDD	8x HDD	6 x SATA HDD	2 x 3.5 SATA HDD	2 x 3.5 SATA HDD	2 x 3.5 SATA HDD
	Maximum storage	160TB	160TB	120TB	40TB	40TB	40TB
	RAID	OS RAID 1, Data RAID5	OS RAID 1, Data RAID5	RAID5	---	---	---
Video-Out	Outputs	1x DisplayPort output, for system configuration	1x DisplayPort output, for system configuration	1x Display Port output, for system configuration	1x Display Port output, for system configuration	1x true HD, 1x DP for system configuration. Maximum 1 display output at a time	
	Video card	NVIDIA RTX A4000 16GB	NVIDIA RTX A4000 16GB	NVIDIA RTX A2000 12GB	NVIDIA RTX A2000 12GB	On board Intel Xe Graphics	
Preloaded VMS software		DW Spectrum					
Preloaded Analytic software		DW Ai Server					
Remote clients		Cross Platform - Windows, Linux Ubuntu and Mac					
Mobile apps		iOS and Android					
Keyboard and mouse		Included					
Rail kit		Included			---		
Power supply		2000W dual power supply**	2000W dual power supply**	500W**	300W**	300W**	300W**
Operating temperature		41°F-104°F (5°C-40°C)	41°F-104°F (5°C-40°C)	41°F-104°F (5°C-40°C)	41°F-104°F (5°C-40°C)	41°F-104°F (5°C-40°C)	41°F-104°F (5°C-40°C)
Dimension (WxDxH) (inches)		17.08" x 29.03" x 3.4"	17.08" x 29.03" x 3.4"	17.3" x 21.9" x 3.5"	13.1" x 3.88" x 15.8"	13.1" x 3.88" x 15.8"	13.1" x 3.88" x 15.8"
Warranty		5 year warranty with next day on-site repair	5 year warranty with next day on-site repair	5 year limited	5 year limited	5 year limited	5 year limited

AI Appliances

Blackjack Ai Rack appliance

Blackjack Ai DX appliance

NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DW-BJAiAR2PA2	DW-BJAiARA2	DW-BJAiASL
Included DW Spectrum IP licenses		---		---
Included DW Ai Server Licenses		4 channel (DW-AiSLSC004)		4 channel (DW-DWaiSLSC004)
Form factor		2U Rackmount	Full-size Tower	Slim Desktop
Operating system	Windows 11	DW-BJAiAR2PA2	DW-BJAiARA2	DW-BJAiASL
	OS on SSD	2x 512GB M.2 (RAID1)	2x 512GB M.2 (RAID1)	480GB SSD
CPU		Dual Intel XEON Silver 4215R	Intel XEON Silver 4215R	Intel® Core™ i7 processor
Memory		32GB	32GB	32GB
Ethernet port		4x 1G Ethernet ports		1 x 1Gb Ethernet, 1x 2.5Gb Ethernet
System	Max video storage rate (Mbps)	---	---	---
Storage	Max # of analytic streams(secondary)	Up to 48	Up to 24	Up to 64
	Maximum hard drives	---	---	---
	Maximum storage	---	---	---
	RAID	---	---	---
Video-Out	Outputs	1x mini Display Port, for system configuration	1x mini Display Port, for system configuration	1x mini Display Port, for system configuration
	Video card	2x NVIDIA RTX A2000 12GB	NVIDIA RTX A2000 12GB	NVIDIA RTX A2000 12GB
Preloaded VMS software		---	---	---
Preloaded Analytic software		DW Ai Server		---
Remote clients		Cross Platform - Windows, Linux Ubuntu and Mac		---
Mobile apps		---		---
Keyboard and mouse		Included		---
Rail kit		Included		---
Power supply		1100W redundant power supply**		300W**
Operating temperature		41°F-104°F (5°C-40°C)		41°F-104°F (5°C-40°C)
Dimension (WxDxH) (inches)		3.41" x 17.0" x 28.37" (29.78" with bezel)		13.1" x 3.88" x 15.8"
Warranty		5 year HW warranty with next day on-site repair after remote diagnosis		5 year limited

* Available during initial order

** An uninterrupted power supply (UPS) is recommended.

Designed and Commissioned in the U.S.A 



Blackjack[®]

Scalable, enterprise-level servers powered by DW Spectrum.

DW's Blackjack servers are robust and user-friendly video management solutions, highly optimized to provide unlimited scalability, unmatched bandwidth savings and simplified system setup and management.



Blackjack servers come with **DW Spectrum** pre-installed, along with four (4) or eight (8) complimentary recording licenses.



Blackjack servers come with no recurring charges or annual maintenance fees. All DW Spectrum software updates are 100% free. The servers come with a USB mouse, keyboard, and rail kit for an out-of-the-box solution that requires no additional purchases to complete the initial installation.



DW's mission-critical support is included at no extra cost for Blackjack Rack servers. The support includes a full-year warranty and next-business-day on-site response. Customers also keep their drive and data in case of an HDD replacement.

Servers and Workstations

Blackjack Rack servers

Blackjack P-Rack servers

NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DW-BJRR2Y	DW-BJRR2P	DW-BJRR2U	DW-BJPR2U	DW-BJP2U	DW-BJP1U
Included IP licenses		8 (2x DW-SPECTRUMLSC004)			4 (1x DW-SPECTRUMLSC004)		
Form factor		Rackmount			Rackmount		
Operating system	Windows 11	DW-BJRR2YxxT	DW-BJRR2PxxT	DW-BJRR2UxxT	DW-BJPR2UxxT	DW-BJP2UxxT	DW-BJP1UxxT
	Windows Server	DW-BJRR2YxxTLX	DW-BJRR2PxxTS	DW-BJRR2UxxTS	---	---	---
	Linux Ubuntu LTS	DW-BJRR2YxxTS	DW-BJRR2PxxTLX	DW-BJRR2UxxTLX	DW-BJPR2UxxT-LX	DW-BJP2UxxT-LX	DW-BJP1UxxT-LX
	OS on SSD	2 x 240GB NVMe SSD (RAID1)	2 x 480GB NVMe SSD (RAID1)		150GB SSD	150GB SSD	
CPU		2x Intel® Xeon® Silver processors		1x Intel® Xeon® Silver processor	Intel® i7® processor		Intel® i5® processor
Memory		32GB (4x 8GB)		16GB (2x 8GB)	16GB		
Ethernet port		2x 10GB SFP+ Fiber, 2x 1G Ethernet (RJ45), iDRAC9 Enterprise	4 x 1G Ethernet on Expansion board, 2x 1G Ethernet (RJ45)		2 x 2.5GbE ethernet ports (RJ45)		
System	Max video storage rate (Mbps)	600 Mbps			600 Mbps	600 Mbps	360 Mbps
Storage	Maximum hard drives	26x SAS HDDs	12x HDD		6 x HDD	6 x HDD	3 x HDD
	Maximum storage	520TB	240TB		120TB	120TB	60TB
		OS RAID 1, Data RAID5, RAID6	OS RAID 1, Data RAID5, RAID6		RAID5	---	---
Video-Out	Outputs	3x Mini DisplayPort outputs, Mini Display Port to true HD adapter (included)	1x mini Display Port, Mini Display Port to true HD adapter (included)	1x mini Display Port, Mini Display Port to true HD adapter (included)	1x D-Sub output, 1x DisplayPort output, 1x True HD output		
	Video card	NVIDIA T400 2GB	Nvidia Quadro		On-board Intel Graphics		
	Resolution	---			D-Sub: 1920x1200 @ 60Hz, DisplayPort: 4096 x 2160 (DCI 4K) @ 60Hz, True HD: 4096 x 2160 (DCI 4K) @ 60Hz		
Preloaded VMS software		DW Spectrum			DW Spectrum		
Remote clients		Cross-platform - Windows, Linux Ubuntu and Mac			Cross-platform - Windows, Linux Ubuntu and Mac		
Mobile apps		iOS® and Android			iOS and Android		
Keyboard and mouse		Included			Included		
Rail kit		Included			Included		
Power supply		1100W dual power supply**	Dual 800W Redundant**		400W**	400W**	300W**
Operating temperature		41°F-104°F (5°C-40°C)			41°F-104°F (5°C-40°C)		
Dimension (WxDxH) (inches)		17.6" x 31.9" x 3.41"	18.97" x 28.4" x 3.41"		17.3" x 21.9" x 3.5"	17.3" x 21.9" x 3.5"	17.1875 x 20.065" x 1.75"
Field repair kit		---			---	---	---
Warranty		5 year warranty, next business day on-site hardware repair			5 year limited		

* Available during initial order

** An uninterrupted power supply (UPS) is recommended.

Designed and Commissioned in the U.S.A 

Blackjack workstations



Blackjack CX PoE-enabled server



PART NUMBER		DW-BJDXCLIENT4	DW-BJDXCLIENT2	DW-BJMX	DW-BJCX
Included IP licenses		---	---	---	4 (1x DW-SPECTRUMLSC004)
Form factor		Slim desktop	Slim desktop	Slim desktop	PoE server
Operating system	Windows 11	DW-BJCLIENT4	DW-BJCLIENT2	DW-BJMX	---
	Windows Server	---	---	---	---
	Linux Ubuntu	---	---	---	DW-BJCXxT-LX
	OS on SSD	256GB M.2 SSD	256GB M.2 SSD	NVMe 500GB SSD	m.2 SSD
CPU		Intel i7 processor	Intel i9 processor	Intel® N100 processor	Intel® Celeron processor
Memory		32GB	16GB	16GB	8GB
Ethernet port		1x 1G Ethernet (RJ45) 1x 2.5Gb Ethernet (RJ45)		2 x 2.5GbE ethernet ports (RJ45)	2x 1G Ethernet ports (RJ45) 16 PoE/PoE+ ports, 8 virtual channels, max total 24 cameras
System	Max video storage rate (Mbps)	---	---	120 Mbps	80 Mbps
Storage	Maximum hard drives	1x HDD	1x HDD	1 x 1.92TB SSD	2x 3.5" SATA HDD
	Maximum storage	4TB HDD for local video export.		2TB	40TB
	RAID	---	---	---	---
Video-Out	Outputs	1x true HD, 3x DisplayPort, up to four (4) monitors simultaneously.	1x true HD, 1x DisplayPort, up to two (2) monitors simultaneously.	1 x true HD, 1 x DP, 1 x VGA for system configuration. 1 output at a time.	1x true HD, 1x DVI-I for system configuration. 1 display output at a time.
	Video card	nVidia® RTX 5060 8GB	nVidia® RTX 3050 6GB	Onboard Intel UHD Graphics	---
	Resolution	7680 x 4320	7680 x 4320	---	4096 x 2160
Preloaded VMS software		DW Spectrum			
Remote clients		Cross-platform - Windows, Linux Ubuntu and Mac			
Mobile apps		iOS® and Android®			
Keyboard and mouse		Included		Included (mini keyboard)	Included
Rail kit		---		Wing brackets included	Wall mount and rack mount ears available. Sold separately
Power supply		500W (420W)**	300W (270W)	65W 19V Adapter bundled Input: 100- 240V AC Output: 19V/3.42A or 12V/5.42A DC	410W**
Operating temperature		41°F-104°F (5°C-40°C)		41°F-104°F (5°C-40°C)	32°F-104°F (0°C-40°C)
Dimension (WxDxH) (inches)		13.1" x 3.88" x 15.8"		6.49" x 7.48" x 1.69" (165 x190x x 43 mm)	16.92" x 11.75" x 13.7"
Field repair kit		---			---
Warranty		5 year limited			5 year limited

Servers and Workstations

Blackjack DX Series

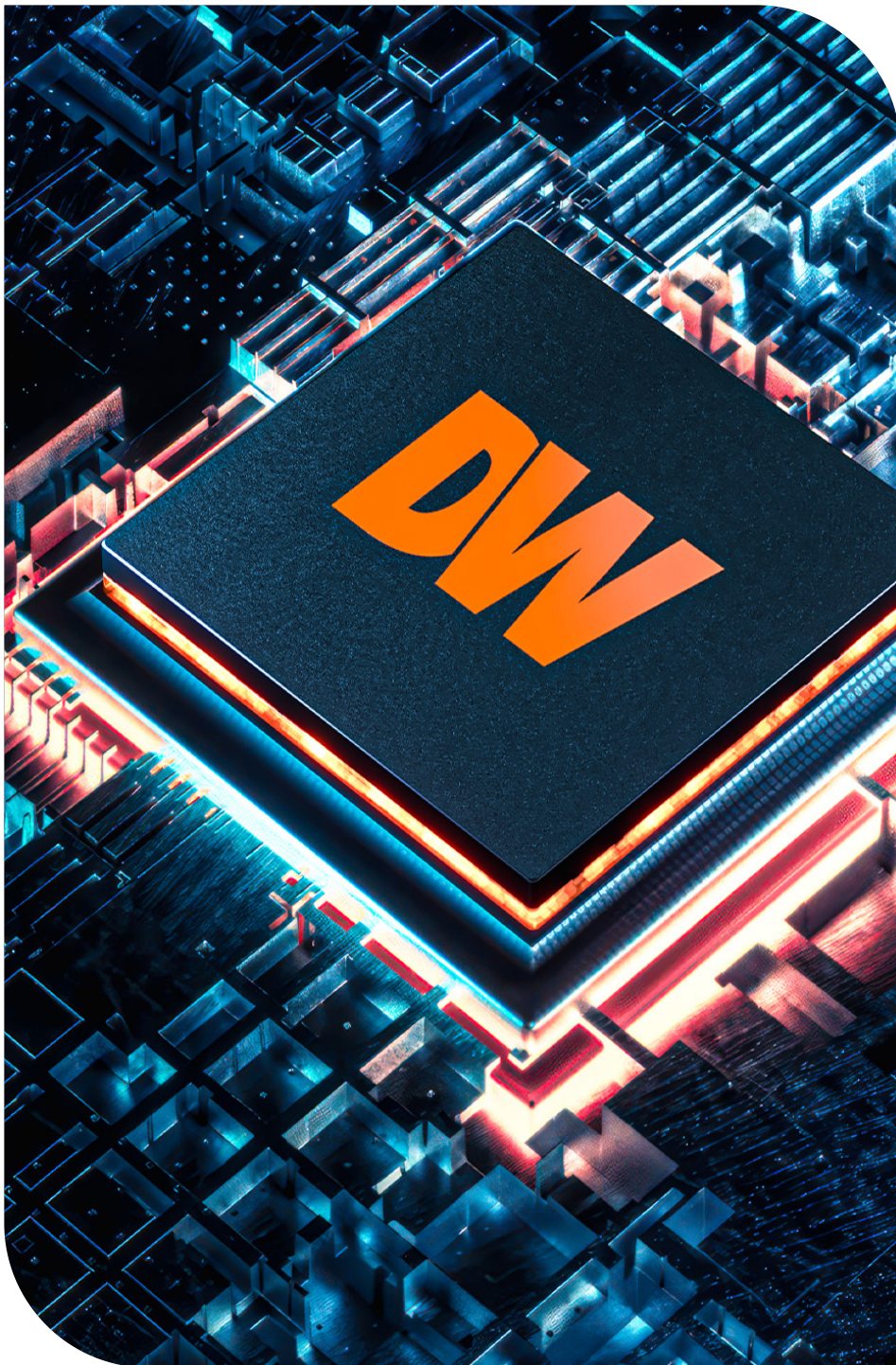


PART NUMBER		DW-BJDX7	DW-BJDX5	DW-BJDX3	DW-BJDX1
Included IP licenses		4 (1x DW-SPECTRUMLSC004)			
Form factor		Slim desktop			
Operating system	Windows 10	DW-BJDX71xxT	DW-BJDX51xxT	DW-BJDX31xxT	---
	Windows Server	---	---	---	---
	Linux Ubuntu	---	DW-BJDX51xxT-LX	DW-BJDX31xxT-LX	DW-BJDX11xxT-LX
	OS on SSD	m.2 SSD			---
CPU		Intel® i7 processor	Intel® i5 processor	Intel® i3 processor	Intel® Celeron processor
Memory		16GB	16GB	8GB	8GB
Ethernet port		1x 1G Ethernet (RJ45), 1x 2.5G Ethernet (RJ45)			2x 1G Ethernet ports (RJ45)
System	Max video storage rate (Mbps)	480 Mbps	360 Mbps	180 Mbps	80 Mbps
Storage	Maximum hard drives	2 x 3.5 SATA HDD			
	Maximum storage	40TB			
	RAID	---			
Video-Out	Outputs	1x true HD, 1x DP for system configuration. 1 display output at a time.			1x true HD, 1x DVI-D, 1x D-Sub for system configuration. 1 output at a time.
	Video card	Onboard Intel HD Graphics			
	Resolution	True HD: 4096x2160@60Hz, DP: 7680x4320@60Hz, 5120x3200@120Hz			True HD: 4096x2160@60Hz, DVI-D: 1920x1200@60Hz, D-Sub: 1920x1200@60Hz
Preloaded VMS software		DW Spectrum			
Remote clients		Cross-platform - Windows, Linux Ubuntu and Mac			
Mobile apps		iOS and Android			
Keyboard and mouse		Included			
Rail kit		---			
Power supply		300W**			
Operating temperature		41°F-104°F (5°C-40°C)			
Dimension (WxDxH) (inches)		13.1" x 3.88" x 15.8"			
Field repair kit		---			
Warranty		5 year limited			

* Available during initial order

** An uninterrupted power supply (UPS) is recommended.

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MEGAPIX[®] Ai

MEGApix Ai edge-side analytics.

An edge-based Ai engine with real-time object classification for intelligent video solutions.



MEGApix Ai cameras are ideal solutions for applications looking to **add AI-based video analytics in a few locations**, recorded and managed from a centralized DW Spectrum solutions.



Lightning-Fast Analytics: DW's edge-Ai engine places the processing power as close to the source as possible, applying the analytics to the video on the spot rather than once it arrives on the server, speeding up response time, increasing efficiency and reducing overall cost.



Reduce Network and Storage Burden: Deploying powerful analytics at the edge means that only the most relevant information is sent across the network, reducing the burden on bandwidth and storage. Deploying edge-side analytics allows the video to be analyzed in high quality.

AI IP Cameras

NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XFFA12Ai	DWC-XSBA08Mi	DWC-XSBC08Bi	DWC-XSBF08LiF	DWC-XSBJ08Mi	DWC-XSDE08Mi
Image	Image sensor	1/2.3" 12.93MP Star-Light Plus™ sensor	4K 1/2.8" Star-Light Plus™ sensor	8.48MP 1/1.8" Star-Light Plus™ sensor	8.6MP 1/2.8" Star-Light Plus™ sensor	4K 1/2.8" Star-Light Plus™ sensor	4K 1/2.8" Star-Light Plus™ sensor
	Total pixels	4073(H) X 3176(V)	3864(H) X 2228(V)	3856(H) X 2200(V)	3864(H) X 2228(V)	3864(H) X 2228(V)	3864(H) X 2228(V)
	Minimum scene illumination	0.52 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)	0.15 lux (color) 0 lux (B/W)	0.12 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)
	Audio input/output	1 microphone built-in/1 output	1 input/1 output	1 input/1 output	1 input, 1 microphone built-in/ 1 output, 1 speaker built-in	1 input, 1 microphone built-in/ 1 output	1 microphone built-in/1 output
Lens	Focal length	1.5mm, F2.2	2.7-13.5mm, F1.4	2.3mm, F2.8	6-22mm, F1.6	2.7-13.5mm, F1.4	2.7-13.5mm, F1.4
	Lens type	Fisheye Lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Ultra-wide angle lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	70ft range	140ft range	100ft range	130ft range	110ft range	100ft range
	Horizontal Field of view (HFOV)	185°	33.1°-90.3°	175°	18.1° - 49.3°	33.1°-90.3°	33.1°-90.3°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N					
	Privacy zones	16 programmable privacy masks	16 programmable privacy masks	N/A	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks
	Deep learning analytics	Deep Learning people tracking					
	Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules					
	Alarm input/output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Triple Streaming (3rd stream MJPEG only)					
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Fisheye camera	Bullet camera	Wide-angle bullet camera	Bullet camera	Bullet camera with junction box	Low-profile vandal dome
	Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)	-40°F ~ 122°F (-40°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C), ColdStart -40°F on DC only	-4°F ~ 122°F (-20°C ~ 50°C)	-40°F ~ 122°F (-40°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)
	IK rating	IK10 impact-resistant					
	IP rating	IP67-rated					
	Other certifications	CE, FCC, RoHS, UL, NDAA, TAA					
Electrical	Power requirement	DC12V, PoE, adapter not included					
	Power consumption	12V DC: 10.2W, 850mA PoE: 11.5W, 239mA	DC12V: 13.2W, 1.1A PoE: 14.8W, 0.308mA	DC12V: max 21.9W, 1.83A PoE: max 9.2W, 191.6mA	DC12V: max 36.0W, 3.0A PoE: max 46.4W, 860mA	DC: max 13.1W, 1.09A PoE: max 15.0W, 312.5mA	DC12V: 10.2W, 850mA PoE: 12.5W, 260mA
Mechanical	Dimensions	4.92" x 2.28" (125 x 58mm)	12.2" x 3.81" (310 x 97mm)	5.03" x 8.75" x 3.8" (127.9 x 222.5 x 96.7mm)	10.23" x 10.19" x 6.14" (260 x 259 x 156mm)	11.37" x 5.78" (289 x 147mm)	4.92" x 3.62" (125 x 92mm)



PART NUMBER		DWC-XSDJ08Mi	DWC-XSTD08MF	DWC-XSWA08Bi	DWC-XFFA05Ai	DWC-XSBE05Mi	DWC-XSBE05Li
Image	Image sensor	4K 1/2.8" Star-Light Plus™ sensor	8.48MP 1/1.8" Star-Light Plus™ sensor	8.48MP 1/1.8" Star-Light Plus™ sensor	1/2.8" 5.17MP Star-Light Plus™ sensor	1/2.8" 5.17M Star-Light Plus™ sensor	1/2.8" 5.17M Star-Light Plus™ sensor
	Total pixels	3864(H) X 2228(V)	3856(H) X 2200(V)	3856(H) X 2200(V)	2608(H) X 1984(V)	2608(H) X 1984(V)	2608(H) X 1984(V)
	Minimum scene illumination	0.09 lux (color) 0 lux (B/W)	0.035 lux (color) 0 lux (white light)	0.15 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.04 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)
	Audio input/output	1 input, 1 microphone built-in / 1 output	1 microphone built-in / 1 speaker built-in	1 input, 1 microphone built-in / 1 output	1 microphone built-in / 1 output	1 input / 1 output	1 input / 1 output
Lens	Focal length	2.7-13.5mm, F1.4	3.6-10mm F1.5	2.3mm, F2.8	1.19mm, F2.0	2.7-13.5mm F1.4	5 -50mm F2.0
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Fisheye Lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	110ft range	90ft range white light	100ft range	70ft	120ft range	120ft range
	Horizontal Field of view (HFOV)	33.1°-90.3°	45.7°-98.4°	175°	185°	31.6°-98.3°	7.7°-46.2°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	Color only	True D/N				
	Privacy zones	16 programmable privacy masks	16 programmable privacy masks	N/A	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks
	Deep learning analytics	Deep Learning people tracking					
	Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules					
	Alarm input/output	1 input / 1 output	1 input / 1 output	1 input / 1 output	1 input / 1 output	1 input / 1 output	1 input / 1 output
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Triple Streaming (3rd stream MJPEG only)					
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Vandal dome with junction box	Turret camera	Wall mount camera	Fisheye camera	Bullet camera	Bullet camera
	Operating temperature	-40°F ~ 122°F (-40°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)
	IK rating	IK10 impact-resistant					
	IP rating	IP67-rated					
	Other certifications	CE, FCC, RoHS, UL, NDA A, TAA					
Electrical	Power requirement	DC12V, PoE, adapter not included					
	Power consumption	DC: max 13.1W, 1.09A PoE: max 15W, 312.5mA	12V DC: 12W, 1A PoE: 15W, 312.5mA	DC12V: max 9.6W, 800mA PoE: max 11.6W, 42mA	12V DC: 8.4W, 700mA PoE: 10.6W, 220mA	12V DC: 8.8W, 733.3mA PoE: 11.1W, 231.25mA	12V DC: 8.8W, 733.3mA PoE: 11.1W, 231.25mA
Mechanical	Dimensions	5.74" x 5.11" (146 x 130mm)	4.92" x 4.79" (125 x 121.7 mm)	6.29" x 4.86" x 3.54" (160 x 123.5 x 90mm)	4.92" x 2.28" (125 x 58mm)	7.77" x 3.38" (197.5 x 86mm)	7.77" x 3.38" (197.5 x 86mm)

AI IP Cameras

NDA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XSCD05Bi	DWC-XSDA05Bi	DWC-XSDH05Mi	DWC-XSTD05MF	DWC-XSTD05Mi	DWC-XSTD05Bi
Image	Image sensor	1/2.8" 5.17M Star-Light Plus™ sensor	1/2.8" 5.17MP Star-Light Plus™ sensor	1/2.8" 5.17M Star-Light Plus™ sensor	1/2.8" 5.17MP Star-Light Plus™ sensor	1/2.8" 5.17M Star-Light Plus™ sensor	1/2.8" 5.17M Star-Light Plus™ sensor
	Total pixels	2608(H) X 1984(V)	2608(H) X 1984(V)	2608(H) X 1984(V)	2608(H) X 1984(V)	2608(H) X 1984(V)	2608(H) X 1984(V)
	Minimum scene illumination	0.05 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.04 lux (color) 0 lux (B/W)	0.03 lux (color) 0 lux (white light)	0.04 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)
	Audio input/output	1 input, 1 microphone built-in/1 output	1 microphone built-in/1 output	1 microphone built-in/1 output	1 microphone built-in/1 speaker built-in	1 microphone built-in/1 output	1 microphone built-in/1 output
Lens	Focal length	2.26mm, F1.6	2.8mm, F2.2	2.7-13.5mm, F1.4	2.7-12mm F1.3	2.7-13.5mm, F1.4	2.8mm, F2.2
	Lens type	Fixed lens	Fixed lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens
	IR distance	90ft range	90ft range	100ft range	90ft range white light	100ft range	100ft range
	Horizontal Field of view (HFOV)	124°	97.7°	31.6°-98.3°	31.5°-89.9°	31.6°-98.3°	97.7°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	Color only			True D/N		
	Privacy zones	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks
	Deep learning analytics	Deep Learning people tracking					
	Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules					
	Alarm input/output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Triple Streaming (3rd stream MJPEG only)					
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Corner camera	Ultra low-profile vandal dome camera	Low-profile vandal dome camera	Turret camera	Turret camera	Turret camera
	Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)
	IK rating	IK10 impact-resistant					
	IP rating	IP67-rated					
	Other certifications	CE, FCC, RoHS, UL, NDA, TAA					
Electrical	Power requirement	DC12V, PoE, adapter not included					
	Power consumption	DC: max 8.1W, 675mA PoE: max 9.6W, 200mA	12V DC: 10.4W, 866mA PoE: 12.5W, 260mA	12V DC: max 8.5W, 708mA, PoE: max 11W, 229mA	12V DC: 12W, 1A PoE: 15.8W, 329.1mA	DC: max 8.5W, 708mA, PoE: max 11W, 229mA	DC: max 7.5W, 625mA, PoE: max 9.5W, 197mA
Mechanical	Dimensions	5.23" x 3.37" (133 x 85.8mm)	4.13" x 2.83" (105 x 72mm)	4.92" x 3.93" (125 x 100mm)	4.92" x 4.79" (125 x 121.7 mm)	4.92" x 4.79" (125 x 121.7 mm)	4.92" x 4.79" (125 x 121.7 mm)



PART NUMBER		DWC-XDBJ10Mi	DWC-PDS10Wi28A
Image	Image sensor	1/2.8" 5.17M Star-Light Plus™ sensors (x2)	1/2.8" 5.69M Star-Light Plus™ sensors (x2)
	Total pixels	2608(H) X 1984(V) (x2)	2704(H) X 2104(V) (x2)
	Minimum scene illumination	0.04 lux (color)	0.13 lux (color)
		0 lux (B/W)	0 lux (B/W)
	Audio input/output	1 input, 1 microphone built-in/ 1 output, 1 speaker built-in	1 microphone built-in/1 output
Lens	Focal length	2.7-13.5mm, F1.4 (x2)	2.8mm, F1.8 (x2)
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens
	IR distance	110ft range	60ft
	Horizontal Field of view (HFOV)	31.6°-98.3° (x2)	102.4° (x2)
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR	
	Wide Dynamic Range (WDR)	True WDR	
	Day and night	True D/N	
	Privacy zones	16 programmable privacy masks	
	Deep learning analytics	Deep Learning people tracking	
	Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules	
	Alarm input/output	1 input/1 output	1 input/1 output
Network	Video compression type	H.265, H.264, MJPEG	
	Frame rate	Up to 30fps	
	Streaming capability	Triple Streaming (3rd stream MJPEG only)	
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)	
	Video management software	DW Spectrum	
Environmental	Housing	Vandal dome with junction box	Dual-sensor vandal dome camera
	Operating temperature	-40°F ~ 122°F (-40°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)
	IK rating	IK10 impact-resistant	
	IP rating	IP67-rated	
	Other certifications	CE, FCC, RoHS, UL, NDAA, TAA	
Electrical	Power requirement	DC12V, PoE, adapter not included	
	Power consumption	12V DC: max 17.4W, 1.45A PoE: max 20.6W, 429mA	12V DC: 9.9W, 826mA PoE: 11.6W, 241mA
Mechanical	Dimensions	12.83" x 6.73" (325.9 x 171.1mm)	5.47" x 3.12" (139 x 79.5mm)



PART NUMBER		DWC-XPZA03Mi	DWC-XPZA08Mi
IMAGE	Image sensor	3MP 1/1.8" Star-Light Plus™ sensor	
	Active pixels	2304 (H) x 1296(V)	
	Minimum scene illumination	0.005 lux (color)	
		0 lux (B/W)	
	Audio input/output	1 input/ 1 output	
LENS	Focal length	6.5-260mm, F1.4	
	Lens type	Vari-focal lens with motorized zoom and auto-focus	
	IR distance	1184ft range	
	Horizontal Field of view (HFOV)	1.6°-64.1°	
OPERATIONAL	Deep learning analytics	Humans, vehicles, locked targets	
	Analytics filters	Motion detection, object detection and tracking, face detection, intrusion, missing object, abandoned object, line counting, ANPR, vehicle speed, directional detection, defocus, blurring	
	Wide Dynamic Range (WDR)	True WDR	
	Day and night	TDN, Auto, day (color), night (B/W)	
	Privacy zones	8 programmable privacy masks	
	Range	360° endless, max. 250° per second	
	Tour	500 presets	
	Speed	8 swings, 4 patterns, 8 groups	
Alarm input/output	4x sensor input / 2x alarm output / 1x RS485 port		
NETWORK	Video compression type	H.265, H.264, MJPEG	
	Frame rate	Max 60fps @ 2304x1296	Max 30fps @ 3840x2160
	Streaming capability	Quad streaming Primary: H.265, H.264 Secondary x 3: H.265, H.264, MJPEG	
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included. Contact sales for more information)	
	Video management software	DW Spectrum	
ENVIRONMENTAL	Housing	PTZ high-speed dome	
	Operating temperature	-22°F - 140°F (-30°C - 60°C)	
	IK rating	IK10 impact-resistant	
	IP rating	IP66-rated	
	Other certifications	CE, FCC, NDAA, TAA	
ELECTRICAL	Power requirement	24V AC, PoE, adapter included	
	Power consumption	24V AC: 48.62W, 2.02A PoE: 39.05W, 813mA	
MECHANICAL	Dimensions	8.89" x 14.3" (226 x 364mm)	

AI ALPR & MMCR IP Camera

MEGApix Ai ALPR IP camera.

AI-powered IP cameras with Plate, Vehicle Type, Make, Model and Color Recognition detect and extract a license plate's characters into a searchable database for action-based surveillance.



ALPR cameras convert images to usable data that can be searched and mined for analytics, patterns and access reports.



MMCR cameras identify Make, Model and Color (MMCR) to classify vehicles, make, model and color across numerous brands.



NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XSBA05LiP
Image	Image sensor	1/2.8" 5.69MP Star-Light Plus™ sensor
	Total pixels	2704(H) X 2104(V)
	Minimum scene illumination	0.1 lux (color) 0 lux (B/W)
	Audio input/ output	1 input/1 output
Lens	Focal length	6-50mm, F1.6
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	130ft range
	Horizontal Field of view (HFOV)	6.9°-40.8°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR
	Wide Dynamic Range (WDR)	True WDR
	Day and night	TDN, Auto, day (color), night (B/W)
	Privacy zones	16 programmable privacy masks
	Deep learning analytics	Deep learning object tracking, ALPR, make, model and color (MMCR).
	Analytics filters	Detection zones and lines, logical rules, tamper, intrusion, counting, counting lines, appear, disappear, stopped, enter, exit, tailgating, dwell, logical rules, direction, metadata.
	Alarm input/output	1 input/1 output
Network	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	dual-stream at different rates and resolutions
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
	Video management software	DW Spectrum
Environmental	Housing	Bullet camera
	Operating temperature	-40°F - 122°F (-40°C - 50°C)
	IK rating	IK10 impact-resistant
	IP rating	IP67-rated
	Other certifications	CE, FCC, UL, NDAA, TAA
Electrical	Power requirements	DC12V, PoE, adapter not included
	Power consumption	DC12V: 13.2W, 1.1A PoE: 14.4W, 48VDC 0.3A
Mechanical	Dimensions	12.2" x 3.81" (310 x 97mm)



MEGAPIX[®] Ai **cloudcam[™]**

MEGApix CloudCam — Intelligent Cloud Surveillance, Simplified

All-in-one IP camera with built-in cloud storage, enterprise-grade security, and AI-powered analytics.



No server or on-prem servers with access from anywhere via DW Cloud.



Plug-and-play install with smart AI alerts for an out of the box smart solution.



Enterprise-grade security with NDAA compliance, encrypted transmission and role-based access control (RBAC).

AI Camera-as-a-Server IP Cameras

NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XFFA12AiC1	DWC-XSBA08MiC1	DWC-XSBC08BiC1	DWC-XSDE08MiC1	DWC-XSBA05LiPC1	DWC-XSTD05MFC1
Image	Image sensor	1/2.3" 12.93MP Star-Light Plus™ sensor	4K 1/2.8" Star-Light Plus™ sensor	4K 1/1.8" Star-Light Plus™ sensor	4K 1/2.8" Star-Light Plus™ sensor	1/2.8" 5.69MP Star-Light Plus™ sensor	1/2.8" 5.17MP Star-Light Plus™ sensor
	Total pixels	4073(H) X 3176(V)	3864(H) X 2228(V)	3856(H) X 2200(V)	3864(H) X 2228(V)	2704(H) X 2104(V)	2608(H) X 1984(V)
	Minimum scene illumination	0.52 lux (color) lux (B/W)	0.09 lux (color) lux (B/W)	0.15 lux (color) lux (B/W)	0.09 lux (color) lux (B/W)	0.1 lux (color) lux (B/W)	0.03 lux (color) lux (white light)
	Audio input/ output	1 microphone built-in/ 1 output	1 input/1 output	1 input/1 output	1 microphone built-in/1 output	1 input/1 output	1 microphone built-in/ 1 speaker built-in
Lens	Focal length	1.5mm, F2.2	2.7-13.5mm, F1.4	2.3mm, F2.8	2.7-13.5mm, F1.4	6-50mm, F1.6	2.7-12mm F1.3
	Lens type	Fisheye Lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Ultra-wide angle lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	70ft range	140ft range	100ft range	100ft range	130ft range	90ft range white light
	Horizontal Field of view (HFOV)	185°	33.1°-90.3°	175°	33.1°-90.3°	6.9°-40.8°	31.5°-89.9°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N					Color only
	Privacy zones	16 programmable privacy masks		N/A	16 programmable privacy masks		
	Deep learning analytics	Deep Learning people tracking					
	Analytics filters	Detection zones and lines, logical rules, tamper, intrusion, counting, counting lines, appear, disappear, stopped, enter, exit, tailgating, dwell, logical rules, direction, metadata.					
Alarm input/output	1 input/1 output						
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Triple Streaming (3rd stream MJPEG only)					
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)					
	Video management software	DW Spectrum					
	Licenses included	1x DW Spectrum CloudCam license included					
	Local server recording	1TB					
Environmental	Housing	Fisheye camera	Bullet camera	Wide-angle bullet camera	Low-profile vandal dome camera	Bullet camera	Turret camera
	Operating temperature	-4°F - 122°F (-20°C - 50°C)	-40°F - 122°F (-40°C - 50°C)	-4°F - 122°F (-20°C - 50°C), ColdStart -40°F on DC only	-4°F - 122°F (-20°C - 50°C)	-40°F - 122°F (-40°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
	IK rating	IK10 impact-resistant					
	IP rating	IP67-rated					
	Other certifications	CE, FCC, UL, NDAA, TAA					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	12V DC: 10.2W, 850mA PoE: 11.5W, 239mA	DC12V: 13.2W, 1.1A PoE: 14.8W, 0.308mA	DC12V: max 21.9W, 1.83A PoE: max 9.2W, 191.6mA	DC12V: 10.2W, 850mA PoE: 12.5W, 260mA	DC12V: 13.2W, 1.1A PoE: 14.4W, 48VDC 0.3A	12V DC: 12W, 1A PoE: 15.8W, 329.1mA
Mechanical	Dimensions	4.92" x 2.28" (125 x 58mm)	12.2" x 3.81" (310 x 97mm)	5.03" x 8.75" x 3.8" (127.9 x 222.5 x 96.7mm)	4.92" x 3.62" (125 x 92mm)	12.2" x 3.81" (310 x 97mm)	4.92" x 4.79" (125 x 121.7 mm)

IP Bullet Thermal Bispectral AI Security Camera

The camera combines 5MP visible imaging with thermal sensing to detect intruders and visually confirm events from a single camera.



Thermal imaging enables intrusion detection in complete darkness, harsh weather, fog, or smoke.



Two cameras in one reduce installation complexity, hardware costs, and maintenance requirements.



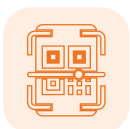
NDAA/TAA
COMPLIANT PRODUCT

PART NUMBER		DWC-XTBG05DiT
Image	Image sensor	Visible: 5.69M CMOS sensor Thermal: 76.8K CMOS sensor
	Total pixels	Visible: 2704(H) X 2104(V) Thermal: 320(H) X 240(V)
	Minimum scene illumination	Visible: 0.16 lux (color) Visible: 0 lux (B/W)
	Audio input/ output	1 input/1 output
Lens	Focal length	4.0mm
	Lens type	Fixed lens
	IR distance	Visible: 80ft range
	Horizontal Field of view (HFOV)	Visible: 82.3° Thermal: 56°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR
	Wide Dynamic Range (WDR)	True WDR
	Day and night	TDN, Auto, day (color), night (B/W)
	Privacy zones	16 programmable privacy masks
	Deep learning analytics	AI-Based people tracking
	Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules
	Alarm input/output	1 input/1 output
Network	Video compression	H.265, H.264, MJPEG
	Frame rate	Visible: Up to 30fps at all resolutions Thermal: Up to 9fps
	Streaming capability	Triple Streaming (3rd stream MJPEG only)
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
	Video management software	DW Spectrum
Environmental	Housing	Bullet camera
	Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C), ColdStart -40°F on DC only
	IK rating	IK09 impact-resistant
	IP rating	IP66-rated
Electrical	Other certifications	CE, FCC, UL, NDAA, TAA
	Power requirements	DC12V, PoE, adapter not included
	Power consumption	12V DC: 23.3W, 1.94A PoE: 11.6W, 241mA
Mechanical	Dimensions	9.53" x 3.8" (242.3 x 96.7mm)

AI IP Camera with QR Code Reader Plugin

MEGApix AI with QR code reader

The QR code reader plugin detects and registers QR codes in the camera's field of view, creating a database manageable from DW Spectrum.



QR code reader detects and registers codes in the FoV with **green LED visual verification**.



Built-in microphone and speaker and flash LEDs for an **all-in-one crime logistics solution**.



NDA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XSTD05MFQ
Image	Image sensor	1/2.8" 5.17MP Star-Light Plus™ sensor
	Total pixels	2608(H) X 1984(V)
	Minimum scene illumination	0.03 lux (color) 0 lux (white light)
	Audio input/ output	1 microphone built-in/ 1 speaker built-in
Lens	Focal length	2.7-12mm F1.3
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	90ft range white light
	Horizontal Field of view (HFOV)	31.5°-89.9°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR
	Wide Dynamic Range (WDR)	True WDR
	Day and night	Color only
	Privacy zones	16 programmable privacy masks
	Deep learning analytics	Deep Learning object tracking
	Analytics filters	QR code reader
Network	Alarm input/output	1 input/1 output
	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	Triple Streaming (3rd stream MJPEG only)
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
Environmental	Video management software	DW Spectrum
	Housing	---
	Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
	IK rating	IK10 impact-resistant
	IP rating	IP67-rated
Electrical	Other certifications	CE, FCC, UL, NDA, TAA
	Power requirements	DC12V, PoE, adapter not included
	Power consumption	12V DC: 12W, 1A PoE: 15.8W, 3291mA
Mechanical	Dimensions	4.92" x 4.79" (125 x 121.7 mm)



MEGApix Flex 4-in-1 customizable IP camera.

MEGApix Ai Flex multi sensor cameras use four re-positionable sensors to deliver customizable coverage while reducing system costs, producing four video streams from a single housing for a highly efficient deployment.



Four cameras in one: Adjust the camera's individual lens modules to achieve the ideal field of view. Use the central position for vertical monitoring under the camera.



Versatile lens installation: Replace multiple single-sensor cameras with greater ROI. The camera can enhance any application and cover any area needed with no blind spots.



NDAA/TAA
COMPLIANT PRODUCT

PART NUMBER		DWC-XMDS20MI
Image	Image sensor	4x 1/2.8" 5.69MP Star-Light Plus™ sensor
	Total pixels	4x 2704(H) X 2104(V)
	Minimum scene illumination	0.1 lux (color) 0.0 lux (B/W)
	Audio input/ output	1 input/1 output
Lens	Focal length	4x 2.8-8.0mm, F1.6
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	100ft range
	Horizontal Field of view (HFOV)	4x 51°-93°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR
	Wide Dynamic Range (WDR)	True WDR
	Day and night	Auto, day (color), night (B/W)
	Privacy zones	16 programmable privacy masks
	Deep learning analytics	Deep Learning people tracking
	Analytics filters	Detection zones and lines, logical rules, tamper, intrusion, counting, counting lines, appear, disappear, stopped, enter, exit, tailgating, dwell, logical rules, direction, metadata.
	Alarm input/output	1 input/1 output
Network	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	4x Triple Streaming (3rd stream MJPEG only)
	Memory slot	4x Micro SD/SDHC/SDXC class 10 card (not included)
	Video management software	DW Spectrum
Environmental	Housing	Multi-sensor camera
	Operating temperature	-22°F - 122°F (-30°C - 50°C)
	IK rating	IK10 impact-resistant
	IP rating	IP67-rated
Electrical	Other certifications	CE, FCC, UL, NDAA, TAA
	Power requirements	DC12V, PoE+, High power PoE injector included
	Power consumption	DC: Max 37.2W, 3.1A PoE: Max 41.8W, 870mA
Mechanical	Dimensions	11.04" x 4.96" (280.5 x 126.2mm)

MEGApix Ai Panoramic IP Camera

MEGApix Flex 4-in-1 customizable IP camera.

MEGApix Ai panoramic multi-sensor cameras provide a seamless 180° view, replacing multiple single-sensor devices while enhancing situational awareness and delivering exceptional wide area visibility with clear detail even in low light or high contrast environments.



Effective wide-area surveillance: With 4 camera lenses in one housing, the camera is the most cost-effective solution, doing more from a single installation.



Easy image stitching: The camera merges the individual sensor's image into a 180° view, automatically stitched and aligned from the camera's settings.



NDA/TAA
COMPLIANT PRODUCT



PART NUMBER		DWC-XMDF32H
Image	Image sensor	4x 1/1.8" 8.48MP Star-Light Plus™ sensor
	Total pixels	4x 3856(H) X 2200(V)
	Minimum scene illumination	0.13 lux (color) 0.007 lux (B/W)
	Audio input/ output	1 input/1 output
Lens	Focal length	4x 9.0mm, F2.6
	Lens type	Fixed lens
	IR distance	N/A
	Horizontal Field of view (HFOV)	4x 46.6°, over 180°
Operational	3D Digital Noise Reduction	Smart DNR™ 3D-DNR
	Wide Dynamic Range (WDR)	True WDR
	Day and night	Auto, day (color), night (B/W)
	Privacy zones	16 programmable privacy masks
	Deep learning analytics	Deep Learning people tracking
	Analytics filters	Detection zones and lines, logical rules, tamper, intrusion, counting, counting lines, appear, disappear, stopped, enter, exit, tailgating, dwell, logical rules, direction, metadata.
	Alarm input/output	1 input/1 output
Network	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	4x Triple Streaming (3rd stream MJPEG only)
	Memory slot	4x Micro SD/SDHC/SDXC class 10 card (not included)
	Video management software	DW Spectrum
Environmental	Housing	Multi-sensor dome camera
	Operating temperature	-22°F ~ 122°F (-30°C ~ 50°C)
	IK rating	IK10 impact-resistant
	IP rating	IP67-rated
Electrical	Other certifications	CE, FCC, UL, NDA, TAA
	Power requirements	DC12V, PoE+, High power PoE injector included
Mechanical	Power consumption	DC: Max 31.6W, 2.63A PoE: Max 35.2W, 733mA
	Dimensions	8.26" x 5.15" (210 x 131mm)

2.1MP IP Video Intercom Door Station

The MEGApix Intercom 2.1MP/1080p IP intercom door station streamlines door access management by combining video, audio and person detection alerts.



Person detection for intelligent alarm and recording management.



Video tampering detection and alarm with scene change, blur and abnormal color detection.



NDA A
COMPLIANT PRODUCT



PART NUMBER		DWC-INTCAM02
Image	Image sensor	2.1MP/1080p 1/2.8" CMOSsensor
	Total pixels	1920x1080
	Minimum scene illumination	0 lux (white LED on)
Audio input/ output		1 built-in speaker, 1 microphone built-in
Lens	Focal length	2.3mm
	Lens type	Fixed lens
	LEDs distance	IR distance: 1ft - 10ft (0.3 - 3m) range White light distance: 1ft - 3ft (0.3 - 1m) range
	Angle of view	139°
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction
	Wide dynamic range	True WDR
	Day and night	True D/N
	Privacy zones	Yes
	Video analytics	---
	Analytics filters	Person detection
	Alarm input	1 alarm input
	Alarm output	1 door lock output, doorbell button
Network	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	Simultaneous multi-streaming
	Onboard storage	Micro SD/SDHC/SDXC cards (card not included)
	Video management software	DW Spectrum
Environmental	Housing	Door station
	Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
	IP rating	IP65-rated
	IK rating	---
	Other certifications	FCC, CE, NDA A compliant
Electrical	Power requirements	DC12V, PoE, PoE adapter included
	Power consumption	<6W
Mechanical	Dimensions	5.9" x 1.96" x 1.17"

LPR IP Camera

MEGApix LPR

LPR IP cameras use License plate recognition technology captures reflective license plates in B/W with reliable performance under challenging lighting conditions.



LPR cameras can capture images of license plates from moving cars at up to 50mph.



The camera will power up at temperatures **as low as -40°F**, making them ideal for harsh environments and outdoor installations.



NDA
COMPLIANT PRODUCT



PART NUMBER		DWC-MB45iALPRTX
Image	Image sensor	5MP 1/2.8" Star-Light Plus CMOS sensor
	Total pixels	2592(H) X 1944(V)
	Minimum scene illumination	0 lux (B/W)
Audio input/ output		1 line in, 1 line out
Lens	Focal length	6-50mm
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
	IR distance	80ft range
	Angle of view	6.9°-40.8°
Operational	Day and night	B/W only
	Privacy zones	16 privacy masks
	Capture image range	Up to 60'
	Max. vehicle speed	50mph
	Alarm input	1 alarm input
Network	Alarm output	1 alarm output
	Video compression	H.265, H.264, MJPEG
	Frame rate	Up to 30fps
	Streaming capability	Simultaneous triple streaming
	Onboard storage	Micro SD / SDHC / SDXC (card not included)
Environmental	Video management software	DW Spectrum and any ONVIF conformant VMS
	Housing	Bullet
	Operating temperature	-40°F - 122°F (-40°C - 50°C)
	IP rating	IP66-rated
	IK rating	IK 09-rated impact-resistant
Electrical	Other certifications	FCC, CE, UL-listed, NDAA
	Power requirements	DC12V, PoE, PoE adapter not included
Mechanical	Power consumption	DC12V: 9W, PoE: 10.5W
	Dimensions	9.73" x 3.8"



MEGAPIX®

MEGApix IP cameras provide crystal-clear images at 30fps.

MEGApix cameras feature state-of-the-art, user-friendly technology, providing superb digital zooming without detail loss or pixilation.



Star-Light Plus color in darkness

technology: Cameras with a Star-Light Plus sensor provide crisp, clear color images in near darkness with back-illuminated pixel technology for increased light sensitivity.



Megapixel resolution: DW's technology delivers **crystal-clear images in resolutions up to 4K**, delivering forensic details when zooming into the camera's field of view.



MEGApix IP cameras offer a variety of **housing options and specialty cameras**, including concealed installation, height strip and ATM solutions to match any need.

IP Cameras



PART NUMBER		DWC-MB48WiATW	DWC-MB8Wi2TX	DWC-MVC8WiATW	DWC-MVC8Wi28TW	DWC-MVD8WiATW	DWC-MVD8Wi28TW
Image	Image sensor	4K 1/2.8" CMOS sensor	8MP 1/1.8" CMOS sensor	4K 1/2.8" CMOS sensor	4K 1/2.8" CMOS sensor	4K 1/2.8" CMOS sensor	4K 1/2.8" CMOS sensor
	Total pixels	3952 (H) x 2320 (V)	3952 (H) x 2320 (V)	3864(H) x 2228(V)	3952 (H) x 2320 (V)	3864(H) x 2228(V)	3952 (H) x 2320 (V)
	Minimum scene illumination	0.09 lux (color) 0 lux (B/W)	0.29 lux (color) 0 lux (B/W)	0.043 lux (color) 0 lux (B/W)	0.18 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)	0.12 lux (color) 0 lux (B/W)
Audio input/ output		1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output	1 input/1 output
Lens	Focal length	2.7-13.5mm, F1.4	2.3mm, F2.8	2.7-13.5mm, F1.4	2.8mm, F2.0	2.7-13.5mm, F1.4	2.8mm, F2.0
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Ultra-wide angle lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens
	IR distance	140ft range	100ft range	100ft range	100ft range	100ft range	100ft range
	Horizontal Field of view (HFOV)	33.1°-90.3°	175°	33.1°-90.3°	105.5°	33.1°-90.3°	105.5°
Operational	3D Digital Noise Reduction	Smart DNR 3D digital noise reduction					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N					
	Motion detection	Yes					
	Privacy zones	16 programmable privacy masks	N/A	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks	16 programmable privacy masks
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.					
	Alarm input/output	1 input/1 output					
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps at all resolutions					
	Streaming capability	dual-stream at different rates and resolutions					
	Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Bullet	Bullet	Low-Profile Vandal Dome	Low-Profile Vandal Dome	Vandal Ball Turret	Vandal Ball Turret
	Operating temperature	-40°F ~ 122°F (-40°C ~ 50°C)					
	IK rating	IK10 impact-resistant	N/A	IK10 impact-resistant	IK10 impact-resistant	IK9 impact resistant	IK9 impact resistant
	IP rating	IP67-rated	IP67-rated	IP67-rated	IP67-rated	IP66-rated	IP66-rated
	Other certifications	CE, FCC, RoHS					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	DC12V: 10.2W PoE: 16W	DC12V: 8.9W PoE: 12.3W	DC12V: 9W PoE: 11.52W	DC12V: 10W PoE 13W	DC12V: 12.4W PoE: 14.9W	DC12V: 9.8W PoE: 13.9W
Mechanical	Dimensions	12.2" x 3.81" (310 x 97mm)	5.03" x 8.75" x 3.8" (127.9 x 222.5 x 96.7mm)	4.92" x 3.62" (125 x 92mm)	4.92" x 3.62" (125 x 92mm)	4.92" x 4.4" (125 x 112mm)	4.92" x 4.4" (125 x 112mm)



PART NUMBER		DWC-PVF9Di2TW	DWC-MB45Wi650TW	DWC-MB45WiATX	DWC-MB75Wi4TW	DWC-MF5Wi4TW	DWC-MF5Wi6TW
Image	Image sensor	12.4MP 1/1.7" CMOS	5MP 1/2.8" CMOS	5MP 1/2.8" CMOS	5MP 1/2.8" CMOS	5MP 1/2.8" CMOS	5MP 1/2.8" CMOS
	Total pixels	4000 (H) X 3000 (V)	2592(H) X 1944(V)	2592(H) X 1944(V)	2592(H) X 1944(V)	2592(H) X 1944(V)	2592(H) X 1944(V)
	Minimum scene illumination	0.3 lux (color) 0 lux (B/W)	0.08 lux (color) 0.0 lux (B/W)	0.08 lux (color) 0.0 lux (B/W)	0.16 lux (color) 0.0 lux (B/W)	0.16 lux (color) 0.0 lux (B/W)	0.16 lux (color) 0.0 lux (B/W)
Audio input/ output		1 (1.0Vms, 3K ohm)/1	1 input/1 output	1 input/1 output	N/A	1 input/1 output	1 input/1 output
Lens	Focal length	2.1mm, F2.2	6.0 - 50mm, F1.6	2.7-13.5mm, F1.4	4.0mm, F2.0	4.0mm, F2.0	6.0mm, F2.0
	Lens type	Fisheye lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Fixed lens	Fixed lens
	IR distance	80ft range	140ft range	140ft range	100ft range	50ft range	50ft range
	Horizontal Field of view (HFOV)	185°	6.9° - 40.8°	31° - 85°	82.3°	82.3°	51.9°
Operational	3D Digital Noise Reduction	Smart DNR 3D digital noise reduction					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N					
	Motion detection	Yes					
	Privacy zones	16 programmable privacy masks					
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.					
	Alarm input/output	1 input/1 output	1 input/1 output	1 input/1 output	N/A	1 input/1 output	1 input/1 output
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps at all resolutions					
	Streaming capability	dual-stream at different rates and resolutions					
	Memory slot	Micro SD / SDHC / SDXC (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Fisheye	Bullet	Bullet	Bullet	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome
	Operating temperature	-4°F - 122°F (-20°C - 50°C)	-40°F - 122°F (-40°C - 50°C)	-40°F - 122°F (-40°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
	IK rating	IK9 impact resistant	IK9 impact resistant	IK9 impact resistant	N/A	IK10 impact-resistant	IK10 impact-resistant
	IP rating	IP66-rated	IP66-rated	IP66-rated	IP67-rated	IP66-rated	IP66-rated
	Other certifications	CE, FCC, RoHS					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	DC12V: max 8.5W PoE: max 10W	DC12V Max 9W PoE Max 10.5W	DC12V: max 9W PoE: max 10.5W	DC12V: max 6.5W PoE: max 8.3W	DC12V: max 5.9W PoE: max 7.2W	DC12V: max 5.9W PoE: max 7.2W
Mechanical	Dimensions	4.9" x 1.88" (125 x 48mm)	9.73" x 3.8" (247.2 x 96.7mm) *Dimensions based on the position of the sun shield cover	9.73" x 3.8" (247.2 x 96.7mm) *Dimensions based on the position of the sun shield cover	6.41" x 2.65" (163 x 67.5 mm)	4.9" x 2.9" (125 x 74.3 mm)	4.9" x 2.9" (125 x 74.3 mm)

IP Cameras

NDA A
COMPLIANT PRODUCT



PART NUMBER		DWC-MF5Wi8TW	DWC-MHS5W37T/MT	DWC-MV45WiATW	DWC-MV75Wi28TW	DWC-MV75Wi4TW	DWC-MV75Wi6TW
Image	Image sensor	5MP 1/2.8" CMOS	5.14MP 1/2.8" CMOS	5MP 1/2.8" CMOS			
	Total pixels	2592(H) X 1944(V)	2592(H) X 1944(V)	2592(H) X 1944(V)			
	Minimum scene illumination	0.16 lux (color)	0.26 lux (color)	0.08 lux (color)	0.13 lux (color)	0.16 lux (color)	0.16 lux (color)
		0.0 lux (B/W)	N/A	0 lux (B/W)			
Audio input/ output		1 input/1 output	3.7mm, F2.5	1 input/1 output	N/A	N/A	N/A
Lens	Focal length	8.0mm, F2.0	Fixed lens	2.7 ~ 13.5mm, F1.4	2.8mm, F1.8	4.0mm, F2.0	6.0mm, F2.0
	Lens type	Fixed lens	N/A	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Fixed lens	Fixed lens
	IR distance	50ft range	87.6°	100ft range	80ft range	80ft range	80ft range
	Horizontal Field of view (HFOV)	37.8°	Smart DNR 3D digital noise reduction	31° - 96°	102.4°	82.3°	51.9°
Operational	3D Digital Noise Reduction	Smart DNR 3D digital noise reduction	True WDR	Smart DNR 3D digital noise reduction			
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N	Yes	True D/N			
	Motion detection	Yes					
	Privacy zones	16 programmable privacy masks					
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.					
Alarm input/output		1 input/1 output	N/A	1 input/1 output	N/A	N/A	N/A
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps at all resolutions					
	Streaming capability	dual-stream at different rates and resolutions					
	Memory slot			Micro SD / SDHC / SDXC (not included)			
	Video management software	DW Spectrum					
Environmental	Housing	Ultra-Low-Profile Vandal Dome	Height Strip	Snapit Vandal Dome	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome
	Operating temperature	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-40°F - 122°F (-40°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
	IK rating	IK10 impact-resistant	N/A	IK10 impact-resistant			
	IP rating	IP66-rated	N/A	IP68-rated	IP67-rated	IP67-rated	IP67-rated
	Other certifications	CE, FCC, RoHS					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	DC12V: max 5.9W PoE: max 7.2W	DC12V Max 4W PoE Max 4.8W	DC12V: max 8.3W PoE: max 10.5W	DC12V: max 6W PoE: max 7.2W	DC12V: max 6W PoE: max 7.2W	DC12V: max 6W PoE: max 7.2W
Mechanical	Dimensions	4.9" x 2.9" (125 x 74.3 mm)	1.85" x 1.45" x 33.85" (47 x 37 x 860mm)	5.47" x 4.93" (139 x 125.4 mm)	4.13" x 2.4" (105 x 61mm)	4.13" x 2.4" (105 x 61mm)	4.13" x 2.4" (105 x 61mm)



PART NUMBER		DWC-MV85WiATW	DWC-MVA5WiATX	DWC-MVA5Wi28TX	DWC-PVF5Di1TW	DWC-MB72Wi4TW	DWC-MF2Wi28TW
Image	Image sensor	5MP 1/2.8" CMOS			6.4MP 1/1.8" CMOS	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS
	Total pixels	2592(H) X 1944(V)			3096 (H) X 2080 (V)	1945(H) X 1109(V)	1945(H) X 1109(V)
	Minimum scene illumination	0.08 lux (color)	0.08 lux (color)	0.13 lux (color)	0.39 lux (color)	0.09 lux (color)	0.25 lux (color)
		0 lux (B/W)				0.0 lux (B/W)	0.0 lux (B/W)
Audio input/ output		1 input/1 output	N/A	N/A	1 (1.0Vms, 3K ohm)/1	N/A	1 input/1 output
Lens	Focal length	2.7-13.5mm, F1.4	2.7-13.5mm, F1.4	2.8mm, F1.8	1.55mm, F2.5	4.0mm, F2.6	2.8mm, F2.0
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Fisheye lens	Fixed lens	Fixed lens
	IR distance	100ft range	100ft range	100ft range	80ft range	100ft range	50ft range
	Horizontal Field of view (HFOV)	31° - 96°	31° - 85°	103°	185°	86°	111°
Operational	3D Digital Noise Reduction		Smart DNR 3D digital noise reduction				
	Wide Dynamic Range (WDR)		True WDR				
	Day and night		True D/N				
	Motion detection		Yes				
	Privacy zones		16 programmable privacy masks				
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.					
	Alarm input/output	N/A	1 input/1 output	N/A	1 input/1 output		
Network	Video compression type		H.265, H.264, MJPEG				
	Frame rate		Up to 30fps at all resolutions				
	Streaming capability		dual-stream at different rates and resolutions				
	Memory slot	Micro SD / SDHC / SDXC (not included)	N/A	N/A	Micro SD / SDHC / SDXC (not included)		
	Video management software		DW Spectrum				
Environmental	Housing	Low-Profile Vandal Dome	Vandal Ball Turret	Vandal Ball Turret	Fisheye	Bullet	Ultra-Low-Profile Vandal Dome
	Operating temperature		-4°F - 122°F (-20°C - 50°C)				
	IK rating				IK9 impact resistant	N/A	IK10 impact-resistant
	IP rating	IP66-rated	IP67-rated	IP67-rated	IP66-rated	IP67-rated	IP66-rated
	Other certifications		CE, FCC, RoHS				
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	DC12V: max 7.4W PoE: max 8.7W	DC12V: max 7.1W PoE: max 8.5W	DC12V: max 6.5W PoE: max 7.8W	DC12V: max 7.5W PoE: max 8.7W	DC12V: max 4.5W PoE: max 6.0W	DC12V: max 4W PoE: max 5.5W
Mechanical	Dimensions	4.92" x 3.62" (125 x 92 mm)	4.92" x 4.8" (125 x 122 mm)	4.92" x 4.8" (125 x 122 mm)	4.9" x 1.88" (125 x 48mm)	6.41" x 2.65" (163 x 67.5 mm)	4.9" x 2.9" (125 x 74.3 mm)

IP Cameras

NDA A
COMPLIANT PRODUCT



PART NUMBER		DWC-MF2Wi4TW	DWC-MPH2W28TW	DWC-MV72Wi28ATW	DWC-MV72Wi4ATW	DWC-MV72Wi28TW	DWC-MV72Wi6TW
Image	Image sensor	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS
	Total pixels	1945(H) X 1109(V)	1945(H) X 1109(V)	1945(H) X 1109(V)	1945(H) X 1109(V)	1945(H) X 1109(V)	1945(H) X 1109(V)
	Minimum scene illumination	0.09 lux (color) 0.0 lux (B/W)	0.065 lux (color)	0.05 lux (color) 0.0 lux (B/W)	0.09 lux (color) 0.0 lux (B/W)	0.05 lux (color) 0.0 lux (B/W)	0.09 lux (color) 0.0 lux (B/W)
Audio input/ output		1 input/1 output	N/A	1 (mic)/0	1 (mic)/0	N/A	N/A
Lens	Focal length	4.0mm, F2.6	2.8mm, F2.2	2.8mm, F2.0	4.0mm, F2.6	2.8mm, F2.0	6.0mm, F2.0
	Lens type	Fixed lens	Fixed lens	Fixed lens	Fixed lens	Fixed lens	Fixed lens
	IR distance	50ft range	N/A	80ft range	80ft range	80ft range	80ft range
	Horizontal Field of view (HFOV)	86°	106.6°	111°	86°	111°	55°
Operational	3D Digital Noise Reduction	Smart DNR 3D digital noise reduction					
	Wide Dynamic Range (WDR)	True WDR					
	Day and night	True D/N					
	Motion detection	Yes					
	Privacy zones	16 programmable privacy masks					
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.					
	Alarm input/output	1 input/1 output	1 input/1 output	N/A	N/A	N/A	N/A
Network	Video compression type	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps at all resolutions					
	Streaming capability	dual-stream at different rates and resolutions					
	Memory slot	Micro SD / SDHC / SDXC (not included)					
	Video management software	DW Spectrum					
Environmental	Housing	Ultra-Low-Profile Vandal Dome	Pinhole	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome	Ultra-Low-Profile Vandal Dome
	Operating temperature		-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
	IK rating	IK10 impact-resistant	N/A	IK10 impact resistant			
	IP rating	IP66-rated	N/A	IP67-rated	IP67-rated	IP67-rated	IP67-rated
	Other certifications	CE, FCC, RoHS					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	DC12V: max 4W PoE: max 5.5W	DC12V: 3.6W PoE: 4W	DC12V: max 3.7W PoE: max 5.5W	DC12V: max 3.7W PoE: max 5.5W	DC12V: max 3.7W PoE: max 5.5W	DC12V: max 3.7W PoE: max 5.5W
Mechanical	Dimensions	4.9" x 2.9" (125 x 74.3 mm)	Main unit: 4.21" x 4.88" x 1.41" (107 x 124 x 36mm) Camera sensor: 1.1" x 1.08" (28.1 x 27.5mm)	4.13" x 2.4" (105 x 61mm)	4.13" x 2.4" (105 x 61mm)	4.13" x 2.4" (105 x 61mm)	4.13" x 2.4" (105 x 61mm)
			Cable length: 21.32ft (6.5m)				



PTZ camera



PART NUMBER		DWC-MV82WiATW	DWC-MVA2WiAT	DWC-MVA2Wi28T
Image	Image sensor	2.1MP/1080p 1/2.8" CMOS	2.1MP/1080p 1/2.8" CMOS	
	Total pixels	1945(H) X 1109(V)	1945(H) X 1109(V)	
	Minimum scene illumination	0.02 lux (color)	0.043 lux (color)	0.05 lux (color)
		0.0 lux (B/W)	0.0 lux (B/W)	0.0 lux (B/W)
Audio input/ output		1 input/1 output	N/A	
Lens	Focal length	2.8-12mm, F1.4	2.7-13.5mm, F1.8	2.8mm, F2.0
	Lens type	Vari-focal p-iris lens with motorized-zoom and auto-focus	Vari-focal p-iris lens with motorized-zoom and auto-focus	Fixed lens
	IR distance	100ft range	100ft range	
	Horizontal Field of view (HFOV)	35°-96°	34.1°-93.6°	110°
Operational	3D Digital Noise Reduction	Smart DNR 3D digital noise reduction		
	Wide Dynamic Range (WDR)	True WDR		
	Day and night	True D/N		
	Motion detection	Yes		
	Privacy zones	16 programmable privacy masks		
	Analytics filters	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.		
	Alarm input/output	N/A		
Network	Video compression type	H.265, H.264, MJPEG		
	Frame rate	Up to 30fps at all resolutions		
	Streaming capability	dual-stream at different rates and resolutions		
	Memory slot	N/A		
	Video management software	DW Spectrum		
	Environmental	Housing	Low-Profile Vandal Dome	Vandal Ball Turret
Operating temperature		-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	
IK rating		IK10 impact resistant		
IP rating		IP66-rated	IP67 rated	
Other certifications		CE, FCC, RoHS		
Electrical	Power requirements	DC12V, PoE, adapter not included		
	Power consumption	DC12V: max 6.5W PoE: max 8.5W	DC12V: max 6.4W PoE: max 7.6W	DC12V: max 5.7W PoE: max 7.2W
		4.9" x 3.6" (125 x 92 mm)		
Mechanical	Dimensions		4.92" x 4.8" (125 x 122 mm)	4.92" x 4.8" (125 x 122 mm)

PART NUMBER		DWC-MPTZ230XTW
Image	Image sensor	2.1MP/1080p 1/3" Star-Light Plus CMOS
	Total pixels	1981(H) X 1288(V)
	Minimum scene illumination	0.05 lux (color)
		0 lux (B/W)
Audio input/ output		1x line in and 1x line out
Lens	Focal length	4.3-129mm
	Lens type	Motorized zoom PTZ lens
	IR distance	200ft range
	Optical zoom	30x optical zoom
	Angle of view	65.1°-2.34°
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction
	Wide dynamic range (WDR)	True WDR
	Day and night	True D/N
	Motion detection	Yes
	Privacy zones	16 privacy masks
	Range	360° endless, max 360° per second
	Preset sequence	5-90° , max 360° per second
	Presets	255 presets
	Tours	10 tours
	Alarm input	1 alarm input
	Alarm output	1 alarm output
	Network	Video compression type
Frame rate		Up to 30fps
Streaming capability		Dual-streaming
Onboard storage		Micro SD / SDHC / SDXC (card not included)
Video management software		DW Spectrum and any ONVIF conformant VMS
Environmental	Housing	PTZ high-speed dome
	Operating temperature	-4°F - 122°F (-20°C - 50°C)
	IP rating	IP66-rated
	IK rating	IK 10-rated impact-resistant
	Other certifications	CE, FCC, RoHS, UL-listed, NDAA
Electrical	Power requirements	DC12V, PoE, PoE adapter included
	Power consumption	DC24V: 40W, AC24V: 35W, PoE: 42W
Mechanical	Dimensions	5.9" x 9.13"

IP Cameras

4K cameras



PART NUMBER		DWC-MSBD08BW	DWC-MSBD08MW	DWC-MSDG08BW	DWC-MSDG08MW	DWC-MSTE8BW	DWC-MSTE8MW
Image	Image sensor	4K 1/1.8" CMOS sensor					
	Total pixels	3840 (H) × 2160 (V)					
	Minimum scene illumination	0.0005 lux (color)					
		0 lux (B/W)					
Audio input/ output		1 audio input and 1 microphone built-in/ 1 output					
Lens	Focal length	2.8mm, F1.0	2.8-12mm@F1.0	2.8 mm @F1.0	2.8-12mm@F1.0	2.8 mm @F1.0	2.8-12mm@F1.0
	Lens type	Fixed lens	Vari-focal lens with motorized zoom and auto-focus	Fixed lens	Vari-focal lens with motorized zoom and auto-focus	Fixed lens	Vari-focal lens with motorized zoom and auto-focus
	IR distance	98ft range, white light	98ft range, white light	98ft range, white light	98ft range, white light	98ft range, white light	98ft range, white light
	Angle of view	110°	104°-55°	110°	104°-55°	110°	104°-55°
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction					
	Wide dynamic range	True WDR					
	Day and night	Color only					
	Motion detection	Yes					
	Privacy zones	4 programmable privacy masks					
	Analytics filters	Object, human, vehicle and face detection and tracking Line crossing, perimeter intrusion, tampering and face detection					
	Alarm input	1 input	1 input	1 input	1 input	1 input	1 input
	Alarm output	1 output	1 output	1 output	1 output	1 output	1 output
Network	Video compression	H.265+, H.265, H.264+, H.264, MJPEG					
	Frame rate	Up to 30fps at all resolutions					
	Streaming capability	Main stream: 4K, 6MP, 4MP, 2K/1080p Sub stream: 2.1MP/1080p (1-15fps), 720P, D1, 640 ×360, Third stream: 720P, D1, 640 ×360, VGA, CIF, 480×240					
	Onboard storage	Micro SD / SDHC / SDXC card up to 1TB (card not Included)					
	Video management software	DW Spectrum					
Environmental	Housing	Bullet	Bullet	Vandal dome	Vandal dome	Turret	Turret
	Operating temperature	-22°F - 140°F (-30°C - 60°C)					
	IP rating	N/A	N/A	IK10	IK10	N/A	N/A
	IK rating	IP67-rated	IP67-rated	IP67-rated	IP67-rated	IP67-rated	IP67-rated
	Other certifications	FCC, CE, ROHS, ONVIF, NDAA					
Electrical	Power requirements	DC12V, PoE, adapter not included					
	Power consumption	< 7.5W	DC12V: < 11.1W; PoE: ≤12.5W	< 7.5W	DC12V: < 10.7W; PoE: < 10.8W	< 7.5W	DC12V: < 11.1W; PoE: <12.6W
Mechanical	Dimensions	8.69" x 3.16" x 2.77	10.7" x 3.85" x 3.52"	4.6" x 3.54"	5.43" x 3.93"	4.66" x 3.58"	5.16" x 4.13"



WHITE
LIGHT
TECHNOLOGY



5MP cameras

PART NUMBER		DWC-MT95WW28TW	DWC-MV95Wi28TW DWC-MV95Wi36TW	DWC-MV95WiATW	DWC-MT95Wi28TW DWC-MT95Wi36TW	DWC-MT95WiATW	DWC-MB95Wi28TW DWC-MB95Wi36TW
Image	Image sensor	5MP 1/2.7" CMOS	5MP 1/2.7" CMOS				
	Total pixels	2592 (H) × 1944 (V)	2592 (H) × 1944 (V)				
	Minimum scene illumination	0.0 lux (B/W)	0.02 lux (color)	0.01 lux (color)	0.02 lux (color)	0.01 lux (color)	0.02 lux (color)
			0.0 lux (B/W)				
Audio input/ output		1 audio input and 1 microphone built-in	1 audio input and 1 microphone built-in		1 audio input and 1 microphone built-in		1 line in
Lens	Focal length	2.8mm	2.8mm (DWC-MV95Wi28TW) 3.6mm (DWC-MV95Wi36TW)	2.8-12mm	2.8mm (DWC-MT95Wi28TW) 3.6mm (DWC-MT95Wi36TW)	2.8-12mm	2.8mm (DWC-MB95Wi28TW) 3.6mm (DWC-MB95Wi36TW)
	Lens type	Fixed Lens	Fixed lens	Vari-focal remote auto-focus lens	Fixed lens	Vari-focal remote auto-focus lens	Fixed lens
	IR distance	2 white light LEDs, 98ft range	100ft range	164ft range	100ft range	164ft range	164ft range
	Angle of view	94.8°	98.5° (DWC-MV95Wi28TW) 81.4° (DWC-MV95Wi36TW)	95.1° ~ 30°	98.5° (DWC-MT95Wi28TW) 81.4° (DWC-MT95Wi36TW)	95.1° ~ 30°	98.5° (DWC-MB95Wi28TW) 81.4° (DWC-MB95Wi36TW)
Operational	Digital noise reduction (DNR)	Smart DNR™ 3D digital noise reduction	Smart DNR 3D digital noise reduction				
	Wide dynamic range (WDR)	True WDR	True WDR				
	Day and night	Color mode only	True D/N				
	Motion detection	Yes	Yes				
	Privacy zones	4 programmable privacy masks	4 programmable privacy masks				
	Alarm input	---	1 alarm input		---		
	Alarm output	---	1 alarm output		---		
Network	Video compression	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Simultaneous dual-streaming					
	Onboard storage	Micro SD / SDHC / SDXC (card not included)					
	Video management software	DW Spectrum and any ONVIF conformant VMS					
Environmental	Housing	Turret	Vandal dome		Turret		Bullet
	Operating temperature	-22°F ~ 140°F (-30°C ~ 60°C)	-22°F ~ 140°F (-30°C ~ 60°C)				
	IP rating	IP67-rated	IP67-rated				
	IK rating	IK10-rated impact-resistant	IK 10-rated impact-resistant				
	Other certifications	CE, FCC, NDAA compliant					
Electrical	Power requirements	DC12V, PoE, PoE adapter not included					
	Power consumption	< 7W	<6W	<9W	<7W	<9W	<9W
Mechanical	Dimensions	4.66" x 3.58"	4.59" x 3.54"	5.43" x 3.93"	4.66" x 3.58"	5.16" x 4.13"	8.69" x 3.16" x 2.77"

IP Cameras

V-Class 4MP cameras



PART NUMBER		DWC-VSDG04Bi	DWC-VSDG04Mi	DWC-VSTB04Bi/ DWC-VSTB04BiB	DWC-VSTB04Mi	DWC-VSBD04Bi	DWC-VSBD04Mi
Image	Image sensor	4MP 1/3" CMOS					
	Total pixels	2560 × 1440					
	Minimum scene illumination	0.005 lux (color)					
		0.0 lux (B/W)					
Audio input/ output		1 audio input and 1 microphone built-in	1 audio input and 1 microphone built-in/ 1 output	1 audio input and 1 microphone built-in			
Lens	Focal length	2.8mm	2.8-12mm	2.8mm	2.8-12mm	2.8mm	2.8-12mm
	Lens type	Fixed lens	Vari-focal remote auto-focus lens	Fixed lens	Vari-focal remote auto-focus lens	Fixed lens	Vari-focal remote auto-focus lens
	IR distance	100ft range	164ft range	100ft range	164ft range	164ft range	164ft range
	Angle of view	94°	92°-31°	94°	92°-31°	94°	92°-31°
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction					
	Wide dynamic range (WDR)	True WDR					
	Day and night	True D/N					
	Motion detection	Yes					
	Privacy zones	8 programmable privacy masks					
	Alarm input	---					
	Alarm output	---					
Network	Video compression	H.265, H.264, MJPEG					
	Frame rate	Up to 30fps					
	Streaming capability	Simultaneous dual-streaming					
	Onboard storage	Micro SD / SDHC / SDXC (card not included)					
	Video management software	DW Spectrum and any ONVIF conformant VMS					
Environmental	Housing	Vandal dome		Turret		Bullet	
	Operating temperature	-22°F - 140°F (-30°C - 60°C)					
	IP rating	IP67-rated					
	IK rating	IK 10-rated impact-resistant					
	Other certifications	CE, FCC, NDAA					
Electrical	Power requirements	DC12V, PoE, PoE adapter not included					
	Power consumption	<4.5W	<7.5W	<5W	<8W	<8W	<8W
Mechanical	Dimensions	4.59" x 3.54"	5.55" x 3.93"	4.25" x 3.77"	5.16" x 4.29"	8.69" x 3.16" x 2.77"	8.69" x 3.16" x 2.77"

Camera Accessories

Camera	Ceiling Mount Bracket	Hanging Mount Bracket	Wall Mount Bracket	Junction Box for Wall Mount Bracket	Waterproof Junction Box	Junction Box	Tilting Adapter	Corner Mount	Pole Mount	Gang Converter Plate	Flush Mount	Specialty
					N/A		N/A			N/A	N/A	N/A
DWC-PDS10Wi28A	DWC-DSCM	DWC-V4HWM	DWC-DSWM	DWC-WMJUNCW		DWC-WMJUNCW		DWC-V1CNMW	DWC-PMB-WLW			
					N/A		N/A			N/A		
DWC-XMDS20Mi	DWC-PV20CMW	DWC-PV20HWM	DWC-PV20WMW	DWC-WMJUNCW		DWC-MDSJUNC		DWC-V1CNMW	DWC-PMB-WLW		DWC-MDSFM	DWC-PZPARAMW2
					N/A					N/A		
DWC-XMDF32H	DWC-PV20CMW	DWC-PV20HWM	DWC-PV20WMW			DWC-PV20JUNCW	DWC-PV20ADPW	DWC-V1CNMW	DWC-PMB-WLW		DWC-PV20FMW	DWC-PZPARAMW2
							N/A				N/A	N/A
DWC-XFFA	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW	DWC-DEJUNC	DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
		N/A			N/A	N/A	N/A			N/A		
DWC-MPTZ230XTW	DWC-P230CMW		DWC-P230WMW					DWC-V1CNMW	DWC-PMB-WLW		DWC-P230FMW	DWC-PZPARAMW2
							N/A				N/A	N/A
DWC-XSTD	DWC-VACM	DWC-VFHMW	DWC-VAWM	DWC-WMJUNCW	DWC-DEJUNC	DWC-VAJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
							N/A					N/A
DWC-XSDE DWC-MVC	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW	DWC-DEJUNC	DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W	DWC-VFFMW	
		N/A		N/A	N/A	N/A	N/A			N/A	N/A	
DWC-XPZA	DWC-XPZACM		DWC-XPZAWM					DWC-XPZACNM	DWC-XPZAPLM			DWC-PZPARAMW2
							N/A				N/A	N/A
DWC-MVD	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW	DWC-DEJUNC	DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		

Camera Accessories

Camera	Ceiling Mount Bracket	Hanging Mount Bracket	Wall Mount Bracket	Junction Box for Wall Mount Bracket	Waterproof Junction Box	Junction Box	Tilting Adapter	Corner Mount	Pole Mount	Gang Converter Plate	Flush Mount	Specialty
					N/A		N/A					N/A
DWC-MV8	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW		DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W	DWC-VFFMW	
					N/A		N/A				N/A	N/A
DWC-MF	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW		DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
							N/A				N/A	N/A
DWC-XSDA	DWC-V7CMW	DWC-V7HMW	DWC-V7WMW	DWC-WMJUNCW	DWC-DAJUNC	DWC-V7JUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
							N/A				N/A	N/A
DWC-XSDH	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW	DWC-DEJUNC	DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
							N/A				N/A	
DWC-MV7	DWC-V7CMW	DWC-V7HMW	DWC-V7WMW	DWC-WMJUNCW	DWC-DAJUNC	DWC-V7JUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		DWC-V7DECO
					N/A	N/A	N/A				N/A	N/A
DWC-MV4	DWC-V4CMW	DWC-V4HMW	DWC-V4WMW	DWC-WMJUNCW				DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
		N/A					N/A				N/A	N/A
DWC-MVA	DWC-VACM		DWC-VAWM	DWC-WMJUNCW	DWC-DEJUNC	DWC-VAJUNC		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
					N/A		N/A				N/A	N/A
DWC-PVF	DWC-VFCMW	DWC-VFHMW	DWC-VFWMW	DWC-WMJUNCW		DWC-VFJUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
				N/A	Included with the camera	N/A	N/A			Included with the camera		
DWC-XSDJ	DWC-DSCM	DWC-V4HMW	DWC-DSWM					DWC-V1CNMW	DWC-PMB-WLW		DWC-DJFM	DWC-DJSSLD

Camera Accessories

Camera	Ceiling Mount Bracket	Hanging Mount Bracket	Wall Mount Bracket	Junction Box for Wall Mount Bracket	Waterproof Junction Box	Junction Box	Tilting Adapter	Corner Mount	Pole Mount	Gang Converter Plate	Flush Mount	Specialty
 DWC-XSBJ	N/A	N/A	N/A	N/A	Included with the camera	N/A	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-XDBJ	N/A	N/A	N/A	N/A	Included with the camera	N/A	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-XSBE	N/A	N/A	N/A	N/A	 DWC-BAJUNC	 DWC-B7JUNCW	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-MB4	N/A	N/A	N/A	N/A	 DWC-BAJUNC	 DWC-BLJUNC-W	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-XSBA DWC-MB48	N/A	N/A	N/A	N/A	 DWC-BAJUNC	 DWC-BLJUNC-W	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-MPH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
 DWC-INTCAM02	N/A	N/A	N/A	N/A	N/A	N/A	 Included with the camera	N/A	N/A	N/A	N/A	 Included with the camera
 DWC-XSBF	N/A	N/A	N/A	N/A	N/A	 DWC-WMJUNCW	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A
 DWC-XSWA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 DWC-VICNMW	 DWC-PMB-WLW	N/A	N/A	N/A

Camera Accessories

Camera	Ceiling Mount Bracket	Hanging Mount Bracket	Wall Mount Bracket	Junction Box for Wall Mount Bracket	Waterproof Junction Box	Junction Box	Tilting Adapter	Corner Mount	Pole Mount	Gang Converter Plate	Flush Mount	Specialty
 DWC-XSBC DWC-MBW	N/A	N/A	N/A	N/A						N/A	N/A	N/A
					DWC-BAJUNC	DWC-BLJUNC-W	N/A	DWC-VICNMW	DWC-PMB-WLW			
 DWC-MB7	N/A	N/A	N/A	N/A	N/A		N/A			N/A	N/A	N/A
						DWC-B7JUNCW		DWC-VICNMW	DWC-PMB-WLW			
 DWC-XSCD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
 DWC-VSBD DWC-MB9	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
						DWC-MBTJUNCW						
 DWC-VSDG, DWC-MV9 fixed lens		N/A		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
	DWC-MV9CMJ		DWC-MTTWM			DWC-MV9JUNC						
 DWC-VSDG, DWC-MV9 vari-focal lens		N/A		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
	DWC-MV9CMJ2		DWC-MV9WMJ2			DWC-MV9JUNC2						
 DWC-VSTB, DWC-MT9 fixed lens, white		N/A		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
	DWC-MT9CMJ		DWC-MTTWM			DWC-MT9JUNC						
 DWC-VSTB, black	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
						DWC-MT9JUNCB						
 DWC-VSTB, DWC-MT9 vari-focal lens		N/A		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
	DWC-MT9CMJ2		DWC-MTTWM2			DWC-MT9JUNC2						

Camera Accessories

Camera	Ceiling Mount Bracket	Hanging Mount Bracket	Wall Mount Bracket	Junction Box for Wall Mount Bracket	Waterproof Junction Box	Junction Box	Tilting Adapter	Corner Mount	Pole Mount	Gang Converter Plate	Flush Mount	Specialty
							N/A				N/A	
DWC-V7	DWC-V7CMW	DWC-V7HWMW	DWC-V7WMW	DWC-WMJUNCW	DWC-DAJUNC	DWC-V7JUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		DWC-V7DECO
					N/A	N/A	N/A				N/A	N/A
DWC-V4	DWC-V4CMW	DWC-V4HWMW	DWC-V4WMW	DWC-WMJUNCW				DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
DWC-D4			DWC-D1WMW							DWC-GPLT-W		
					N/A		N/A				N/A	N/A
DWC-V6	DWC-V1CMW	DWC-V1HWMW	DWC-V1WMW	DWC-WMJUNCW		DWC-V1JUNCW		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
		N/A					N/A				N/A	N/A
DWC-VA	DWC-VACM		DWC-VAWM	DWC-WMJUNCW	DWC-DEJUNC	DWC-VAJUNC		DWC-V1CNMW	DWC-PMB-WLW	DWC-GPLT-W		
	N/A	N/A	N/A	N/A						N/A	N/A	N/A
DWC-B6 DWC-LPR650UW					DWC-BAJUNC	DWC-BLJUNC-W	N/A	DWC-V1CNMW	DWC-PMB-WLW			
	N/A	N/A	N/A	N/A			N/A			N/A	N/A	N/A
DWC-B7						DWC-B7JUNCW		DWC-V1CNMW	DWC-PMB-WLW			

Network Appliances



The easiest transition from analog to IP.

NDA
COMPLIANT PRODUCT



SPECIFICATIONS	DW-ENC4K16
Video input	16 channels HD over Coax technology with HD-Analog, HD-TVI, HD-CVI up to 4K, CVBS up to 960H
Video output	16 IP channels
Local display	4K at 15fps, 5MPat 20fps, 4MP, 2.1MP/1080p, 960H, D1 at 30fps
Video encoding	H.265, H.264
AUDIO	
Input	8 audio input
Output	1 RCA audio output
INTERFACE	
Alarm input	16 inputs
Alarm output	4 output
Serial	1 RS485 port for PTZ support
	1x USB 3.0, 1x USB 2.0, PTZ control via Coax (HD-Analog / HD-TVI)
GENERAL	
ONVIF Conformant	Yes
Power requirements	12V DC, 4A
Power consumption	Max 30W, 2.5A
Dimensions	14.96" x 10.55" x 1.77" (380 x 268 x 45mm)
Rack-mountable	DW-ENI9RE (included)



Place a public view monitor anywhere.

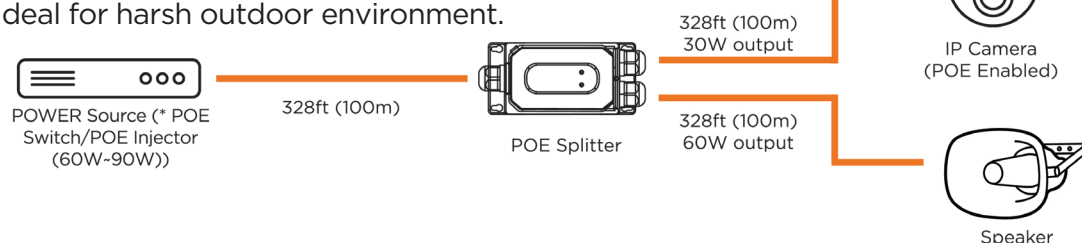
NDA/**TAA**
COMPLIANT PRODUCT



SPECIFICATIONS	DW-HDSPOTMOD	DW-HDSPOTMOD16
Operating system	Embedded Linux	
Video compression	H.265, H.264	
IP camera	Input	4 channels
	Speed	Up to 120fps
Display	Screen mode	Single channel, quad view mode, sequence
Video-in		IP cameras (up to 4K, 3840 x 2160 resolution), Universal HD over Coax VMAX A1 DVRs or VMAX IP Plus NVRs
Video-out	Monitor	True HD and/or VGA
	Resolution	True HD: 3840x2160, 1920x1080, 1280x720, 1024x768 VGA: 1920x1080, 1280x720, 1024x768
Network function		Time synchronization by NTP server
System recovery after power failure		Auto-reboot and log file system
Advanced functions		Firmware upgrade by USB and CMS Import and export settings
System operation		Digital zoom USB mouse
ENVIRONMENTAL		
Power		DC12V
Operating temperature		41°F ~ 104°F (5°C ~ 40°C)
Dimensions		5.47" x 4.84" x 1.25"

2-port Gigabit Waterproof PoE Splitter

- Single (1) 90W PD input, two (2) PSE split output.
- PoE power supply distance up to 328 feet (100 meters).
- Plug-and-play solution with no configuration.
- Data and power carried over the same cable.
- No power adapter is required.
- Ideal for harsh outdoor environment.



PART NUMBER	DW-POEEX90W
Port	1x 1Gbps PoE input port 2x 1Gbps PoE output ports
Max distance	≤ 328' / 100m
Port input	IEEE 802.3af/at/bt 90W
PoE power output	DC 44-57V Port 1 supports PoE <30W Port 1 supports PoE <30W
Other certifications	CE, FCC, RoHS
Dimensions (L x W x H)	4.4" x 2.87" x 1.63" (111.9 x 72.9 x 41.5mm)



SiteWatch™

Perimeter Protection by DW®

Complement your surveillance system with motion detectors and illuminators.

SiteWatch motion detectors and illuminators upgrade any system needing external lighting or motion detection. All detectors and illuminators are fully integrated with DW Spectrum and can be managed remotely.



When motion is detected, the illuminators can turn on, and cameras can be activated to record, all controlled via DW Spectrum.



The Infrared and White Light illuminators incorporate the latest surface mount Dual-Core LEDs, combined with enhanced optical output and outstanding reliability at a **variety of distances and wavelengths.**



Motion detectors and laser sensors **enhance panoramic and PTZ cameras** to create a formidable panoramic solution.

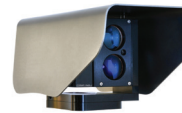
Illuminators and Motion Detectors



NDAA/TAA
COMPLIANT PRODUCT

SPECIFICATIONS	DW-ILHYBIP850 / DW-ILHYBIP940	DW-ILIRIP850 / DW-ILIRIP940	DW-ILWLIPM
Construction	Robust high-quality aluminum extrusion, black anodized finish		
Photocell	Software adjustable 20 - 70 lux		
Illumination	Software adjustable 10% - 100% with pulse modes		
Operating temperature	-58° to 140°F (-50° to 60°C)	-58°F to 122°F (-50°C to 50°C)	
Mount	Powder coated stainless steel wall mount		
Input	PoE+ (IEEE802.3at)		
Consumption	26W		
IP rating	IP66 environmental-rated dust-tight and water-resistant		
IK rating	IK09 impact-resistant in accordance with IEC/EN 62262	---	---
Electronics	High-efficiency surface mount high power Dual-Core LEDs with advanced, current limited, integral control circuitry		
Lumen output	1800 lm	---	2400lm
Color temperature	Ultra white ≈ 6000K	---	5700K (6000K and 6500K options available to order)
Color rendering index	>70	---	Typ. 80
Recommended PSU	Any IEEE 802.3at injector (not included)		
Remote access	Web browser user interface. Full control via DW Spectrum		
Wavelength	850nm (DW-ILHYBIP850) 940nm (DW-ILHYBIP850)	850nm (DW-ILHYBIP850) 940nm (DW-ILHYBIP850)	400- 750nm
Coverage distance	614' (187m) (DW-ILHYBIP850) 374' (115m) (DW-ILHYBIP850)	614' (187m) (DW-ILHYBIP850) 374' (115m) (DW-ILHYBIP850)	374' (115m)
Shock sensor and pressure equalization vent	Prevents thermal expansion and pressure cycling	---	---
Warranty	2 year warranty		

Laser sensor



NDAA/TAA
COMPLIANT PRODUCT

SPECIFICATIONS	DW-DTLA500
Field of application	Outdoor surveillance and monitoring
Alarm zones	Up to 20 fully adaptable zones, each zone has individual alarm sensitivity settings and alarm actions.
Alarm actions	Network alarm, relay. Easy direct integration with IP to VMS, enabling PTZ control, automatic video recording and object position.
Self awareness	Adaptive digital processing algorithm suppresses noise from fog and snow, and detects challenging weather to allow alarms to VMS.
Detection range	0 - 1640ft (500m)
Detection resolution	+/- 1 dm
Update rate	250 Hz
Laser wavelength	905nm
Beam divergence	2.0 x 2.0 mRad
Alignment laser	Yes
Laser class	Class 2 laser product, eye-safe
Power supply	Power over Ethernet (48V DC) or 12 V DC
Power consumption	4W (PoE class 2)
Operating temperature	-22°F to +140°F (-30°C to +60°C)
Interface	Ethernet IEEE 802.3af, TCP/IP, web browser used interface
Relay switch	Max 30V 200mA, NC and NO
Mounting	4 x M5 - Bosch compatible 2.87" x 1.61" (73 x 41mm) 4 x M5 - Axis compatible 1.57" x 2.44" (40 x 62mm) 2 x M6 - common standard 2.87" (73mm C-C) 5/8"-11 UNC (tripod mount)
Enclosure rating	IP66
Color	Shell: gray, sensor: black
Weight	2.4Kg
Warranty	1 year warranty

Motion detectors



NDAA/TAA
COMPLIANT PRODUCT

SPECIFICATIONS	DW-DTMWIPW	DW-DTPWIPW
Detection range	Up to 98.5ft (30m) programmable	
Coverage	10° - 70° detection angle, 98.5ft x 98.5ft (30m x 30m) max.	
Sensing module	Dual-tech: Microwave + quad PIR	Quad PIR
Walk test	Output test mode with LED indication	
Operating temperature	-4°F to 131°F (-20°C to +55°C) conformally coated electronics for increased stability	
Adjustment	180° pan + 90° tilt	
Mounting height	Optimum 9.8ft (3m)	
Indicator LEDs	1 x blue LED on alarm	1 x blue LED on alarm 1 x red PIR detection 1 x green microwave detection
Outputs	Two N/C volt free relay contacts. Web interface set up required.	
Power input	Power over Ethernet (48V DC)	
Power consumption	Max 3.8W, PoE class 1	
Ethernet standard	Ethernet IEEE 802.3af, TCP/IP	
Remote access	Web browser user interface. No software or installation needed	
Microwave frequency	10.525GHz	---
Warranty	2 year warranty	

Motion Detection Accessories:



DW-DTWM DTLA5
Mounting bracket



DW-DTWT
Walk tester



DW-DTCAW
Conduit adaptor



DW-DTPM
Pole mount bracket

Illuminators Accessories:



DW-ILWM1
Mounting bracket for a
single (1) illuminator



DW-ILWM2
Mounting bracket for
two (2) illuminators



DW-ILWM3
Mounting bracket for
three (3) illuminators



DW-ILPM1
Pole mount bracket for
a single (1) illuminator



SiteWatch™



Perimeter Protection by DW®

IP Speakers

DW's IP speakers are robust, IP-enabled audio devices that help proactively deter crime with instant live and recorded responses to events. DW's growing line of audio solutions includes devices outdoor, in-ceiling and wall mounted applications, making them ideal for any installation and environment.



All-in-one speakers ensure every message is clear and easy and the built-in microphone enables operators to respond to events with live communication.



Flexible, scalable and cost-effective: designed to be mounted anywhere, the speakers come with PoE support for a simplified installation and can be integrated into existing systems.



The horn speakers provide clear and audible speech with **no noise or audio distortion.**

Speakers



SPECIFICATIONS	DW-SWSP15A	DW-SWSP30AM	DW-SWSPW30iAM	DW-SWSPC30iAM
Codec	OPUS 48 kHz, MP3 44.1 kHz, G.722 ADPCM 16 kHz, G.711 PCMU 8 kHz, G.711 PCMA 8 kHz			
Built-in microphone	N/A	Yes	Yes	Yes
Max SPL	113dB	120dB	101dB	96dB
Frequency response	300Hz-8KHz	350Hz - 8KHz	80Hz - 20KHz	100Hz - 18KHz
Frequency range	500-2KHZ +-10dB 400-12KHZ +-20dB			
Harmonic distortion	0.1@1kHz			
Signal to noise ratio	91dB			
Amplifier	Built-in 15W amplifier	Built-in 30W amplifier	Built-in 30W Amplifier	Built-in 30W Amplifier
Security	Password protection, IP address filtering, digest authentication, user access log, no firewall			
Network protocol	SIP, ONVIF, HTTP, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, FTP, TFTP, NFS, NTP			
Network interface	10/100 Base-TX, RJ45			
VoIP	Support SIP protocol for integration with VoIP systems, integrated with SIP/PBX			
Operating temperature	-22°F - 140°F (-30°C - 60°C)			
Operating humidity	5%-85%			
Material	ABS (IP67-rated)		IP55-rated	---
Rate power	15W	30W	30W	30W
Power supply	PoE or 12-24V		PoE or 12V DC	PoE or 12V DC
Installation	Wall-mounted		Wall-mounted	In-Ceiling
Dimensions	8.74" x 7.04" x 9.13" (222 x 179 x 232mm)	11.22" x 8.07" x 11.41" (285 x 205 x 290mm)	7.87" x 3.54"	11.65" x 7.71" x 6.18"
Net weight	2.86 lbs (1.3 kg)	4.4 lbs (2 kg)		
Warranty	2 years			

Mobile Apps

DW's suite of mobile applications are free to download, offering simple and user-friendly remote management of all your DW systems from the palm of your hand.



DW Mobile Plus App

Support unlimited number of DW surveillance systems and view live and playback for up to 16 cameras at a time with multiple search options.

Supported DW devices: VMAX IP G4 NVRs, VMAX A1 G4 DVRs, COVA NVRs.



DW Witness App

Turns your phone's camera into a surveillance camera, viewed and recorded from your DW surveillance system.

Supported DW devices: DW Spectrum servers, VMAX IP G4 NVRs.



DW Spectrum App

An elegantly easy app, offering advanced search features, cross-platform, start viewing your entire security system in minutes.

Supported DW devices: DW Spectrum servers.





DW CHANNEL PARTNER PROGRAM™

Exceptional pricing and service for our best customers.

The DW Channel Partner Program is dedicated to those who sell the complete line of Digital Watchdog surveillance solutions.

With your annual purchase commitment, receive:

- ✓ Enhanced margins
- ✓ Project pricing / Map pricing
- ✓ Project design support
- ✓ Demo support and equipment pricing
- ✓ Pre- and post-sales support
- ✓ Sales lead allocation
- ✓ Extended warranties
- ✓ Advanced replacement & repair request
- ✓ DW University professional certification
- ✓ Product & technical training online (LMS)
- ✓ New product announcements
- ✓ Partner portal access
- ✓ Co-marketing materials
- ✓ Case Study support
- ✓ Enhanced technical support
- ✓ Registered project technical support
- ✓ Technical knowledgebase



Your online home for advanced learning.

DW has developed DW University Online, a self-paced learning environment where you can earn product certification when it meets your schedule— anytime, on-demand training. Registration is free. An annual subscription gives you unlimited access to all courses.

DW Spectrum's training program has three components:



Video Modules: Each module focuses on a significant subject and is available for viewing or download.



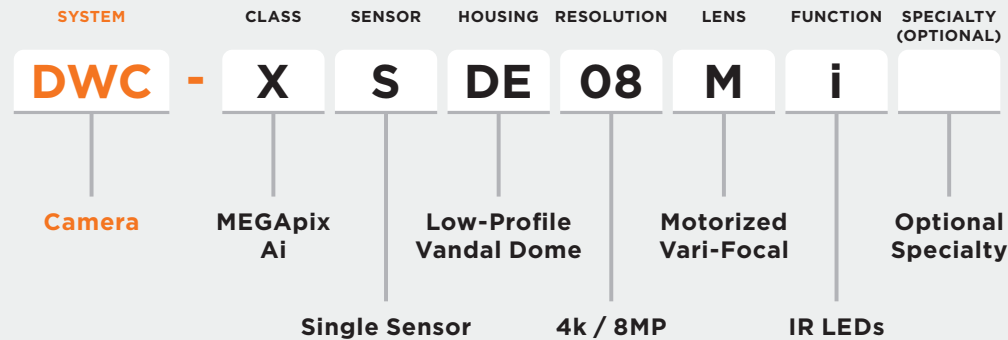
DW Spectrum Training Lab: Training lab scenarios reinforce the skills you have learned in each video module.



DW Spectrum Exam: When you pass the final exam, you will be certified on DW Spectrum.

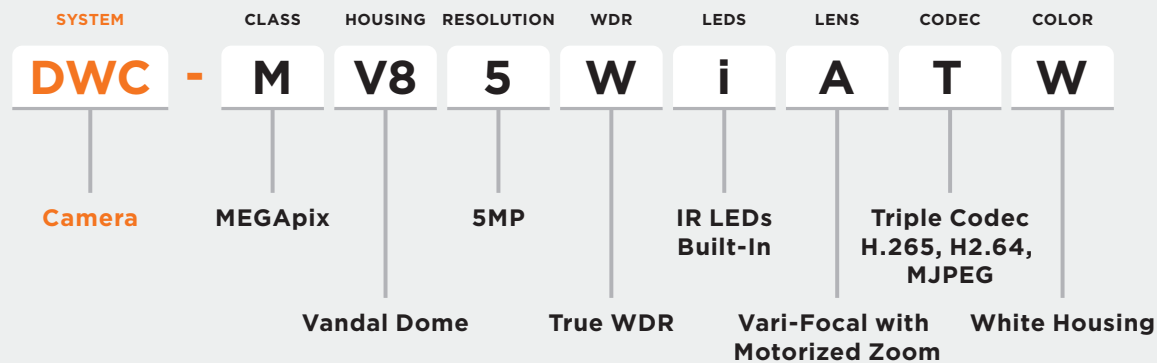
Camera Part Numbering System

IP cameras launched in 2023 and onward



DWC-XSDE08Mi MEGApix Ai, single-sensor vandal dome, 4k, motorized vari-focal lens and IR LEDs

IP cameras launched before 2023



DWC-MV85WiATW MEGApix IVA, vandal dome, 5MP, true WDR, IR LEDs, vari-focal lens with motorized zoom and auto focus, triple codec support, white housing.

BUILT FOR USERS

DW UHD_oC PRODUCT CATALOG | 2026

NDA/TAA
COMPLIANT PRODUCTS



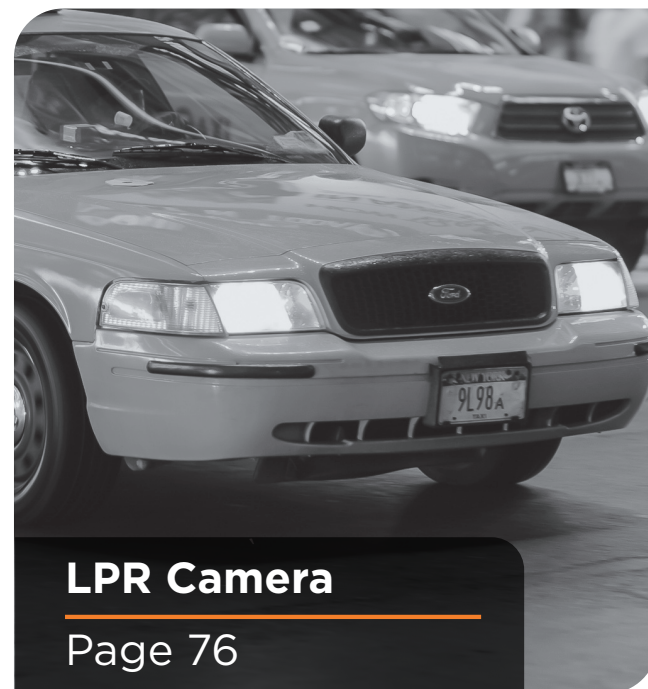
DW
DIGITAL WATCHDOG





VMAX A1 G4

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LPR Camera

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Star-Light Plus Cameras

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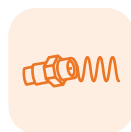
VMAX[®] A1 G4[™]

DVRs with 4K universal HD over coax support.

The NDAA/TAA-compliant DVRs offer a seamless upgrade to HD resolution for new ROI from existing coaxial infrastructure. The VMAX A1 G4 can record 4K video and 2.1MP/1080p at real-time 30fps with Up the Coax (UTC) remote configuration.



Standalone VMAX Solution: DW's VMAX recorders are user-friendly, easy to set up and go from un-boxing to monitoring in minutes in a self-contained solution that's Built for Users.



4K via Coax: Keep your existing coaxial cabling and upgrade your system to 4K high-quality video in the ultimate ROI.



Up the Coax (UTC): Cut installation time with video and communication through the same coax cable. Access camera settings remotely and control PTZs without the need for additional cables.

VMAX A1 G4 DVRs

NDAA/TAA
COMPLIANT PRODUCT



PART NUMBER		DW-VA1G44xT	DW-VA1G48xT	DW-VA1G416xT
Signals supported		Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	Standard analog signal up to 960H, HD-Analog and HD-TVI up to 4K	
Input video		4 channels	8 channels	16 channels
Video live	Frame rate	1-30fps, max 120fps total	1-30fps, max 240fps total	1-30fps, max 480fps total
Video output		True HD: 3840×2160 (4K), 2560x1440, 1920x1080, 1280x1024, 1024x768, 800x600 VGA: 1920x1080, 1280x1024, 1024x768, 800x600 Spot (CVBS): D1 (720x480) RTSP streaming		
Audio	Input	4 inputs	8 inputs	8 inputs
	Output	1 output	1 output	1 output
Alarm	Alarm input	4 inputs	8 inputs	16 inputs
	Alarm output	1 output	2 outputs	4 outputs
Operating system		Embedded Linux		
Recording	Recording frame rate	---	4K (3840x2160): 56fps (7fps per channel)	4K (3840x2160): 112fps (7fps per channel)
		5MP (2560x1944): 48fps (12fps per channel)	5MP (2560x1944): 96fps (12fps per channel)	5MP (2560x1944): 192fps (12fps per channel)
		4MP/2K (2560x1440): 60fps (15fps per channel)	4MP/2K (2560x1440): 120fps (15fps per channel)	4MP/2K (2560x1440): 240fps (15fps per channel)
		3MP (1920x1536): 72fps (18fps per channel)	3MP (1920x1536): 144fps (18fps per channel)	3MP (1920x1536): 288fps (18fps per channel)
		Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 120fps (30fps per channel)	Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 240fps (30fps per channel)	Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 480fps (30fps per channel)
	Recording resolutions	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	Standard analog signal up to 960H, HD-Analog and HD-TVI up to 4K	
Storage	HDD interface	1x SATA HDD	2x SATA HDD	2x SATA HDD
	Max. internal storage	Up to 16TB	Up to 32TB	Up to 32TB
Access	Web viewer	Live, playback and configuration up to 10 multiple connections		
	Mobile client	Mobile app for Apple and Android smartphones and tablets		
	Client monitoring software	C3 CMS for Windows and Mac OS		
Operating temperature		41°F - 104°F (5°C - 40°C)		
Electrical	Power requirement	DC12V		
	Power consumption	24W, 2A	48W, 4A	48W, 4A
Dimensions		11.81" x 9.8" x 1.77" (300 x 249 x 45 mm)	14.96" x 10.58" x 1.77" (380 x 268.8 x 45 mm)	14.96" x 10.58" x 1.77" (380 x 268.8 x 45 mm)



Star-Light Plus UHDoC cameras bring color in darkness images.

DW Universal HD over Coax cameras includes support for HD-Analog, HD-TVI and HD-CVI signals. They are engineered to work with our VMAX A1 G4 DVRs, using your existing coaxial infrastructure for a cost-effective, high-resolution surveillance solution.



Star-Light Plus color in darkness

technology: Cameras with a Star-Light Plus sensor provide crisp, clear color images in near darkness with back-illuminated pixel technology for increased light sensitivity.



Up to 4K resolution: DW's technology delivers crystal-clear images in resolutions up to 4K using existing coaxial cabling and installation, making it the most cost-effective update to your existing analog system.

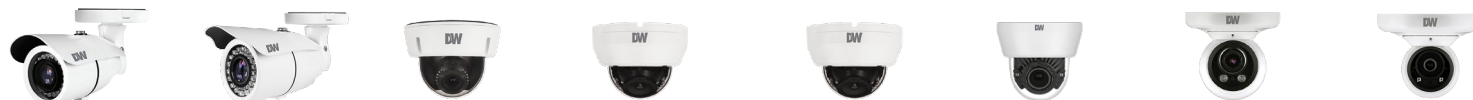


Star-Light Plus UHDoC cameras offer a variety of housing options and specialty cameras, including **LPR and high-speed PTZ cameras** with complete camera control via coax (UTC) for a simplified installation process.

Universal HD Over Coax Cameras

4K cameras

NDA
COMPLIANT PRODUCT



PART NUMBER		DWC-B6883WTIRW	DWC-B6853WTIRW	DWC-V6863WTIRW	DWC-D3853WTIRW	DWC-D3863WTIRW	DWC-D4883WTIRW	DWC-VA883WTIR	DWC-VA853WTIR
Image	Image sensor	4K 1/1.8" CMOS							
	Signal technology	Universal HD over Coax technology with HD-Analog, HD-TVI, HD-CVI to 4K and CVBS at 960H							
	Effective pixels	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)	3864(H) x 2176(V)
	Minimum scene illumination	0.09 lux (color)	0.1 lux (color)	0.1 lux (color)	0.1 lux (color)	0.1 lux (color)	0.09 lux (color)	0.09 lux (color)	0.1 lux (color)
		0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)
Video output	4K @ 15 fps, 4MP/1440p @ 30 fps, 21MP/1080p @ 30 fps								
Lens	Focal length	3.6 - 10mm	2.8mm	3.6 - 10mm	2.8mm	3.6 - 10mm	3.6 - 10mm	3.6 - 10mm	2.8mm
	Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Vari-focal p-iris lens	Fixed lens	Vari-focal p-iris lens	Vari-focal p-iris lens with motorized zoom and auto-focus		Fixed lens
	IR distance	150ft range	100ft range	100ft range	100ft range	100ft range	70ft range	80ft range	70ft range
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction							
	Backlight compensation (BLC)	Yes							
	Wide dynamic range (WDR)	Double shutter WDR							
	Day and night	Auto, day (color), night (B/W)							
	Privacy zones	Yes							
	RS485 / UTP built-in	UTC							
	Alarm output	---	---	---	---	---	---	---	---
	Housing	Bullet	Bullet	Vandal dome	Indoor dome	Indoor dome	Snapit indoor dome	Vandal ball	Vandal ball
Environmental	Operating temperature	-4°F - 122°F (-20°C - 50°C)							
	CleanView	---	---	Yes	---	---	---	---	---
	IP rating	IP66-rated	IP66-rated	IP66-rated	---	---	---	IP67-rated	IP67-rated
	IK rating	---	---	IK10-rated impact resistant	---	---	---	IK10-rated impact resistant	
	Other certifications	UL listed, FCC, CE, ROHS, NDAA compliant				FCC, CE, ROHS, NDAA compliant			
Electrical	Power requirements	DC12V/AC24V dual voltage	DC12V	DC12V/AC24V dual-voltage	DC12V	DC12V/AC24V dual-voltage			DC12V
	Power consumption	DC12V LED off: 5.49W LED on: 8.34W	DC12V (LED off): 3W DC12V (LED on): 4.2W	DC12V LED off: 4.27W LED on: 6.98W	DC12V (LED off): 3W DC12V (LED on): 4.04W	DC12V LED off: 4.27W LED on: 6.98W	DC12V LED off: 5.76W LED on: 7.92W	DC12V LED off: 5.517W LED on: 8.98W	DC12V LED off: 3W LED on: 4.54W
		AC24V LED off: 4.95W LED on: 7.81W		AC24V LED off: 3.96W LED on: 6.38W		AC24V LED off: 3.96W LED on: 6.38W	AC24V LED off: 6.49W LED on: 7.15W	AC24V LED off: 5.06W LED on: 8.03W	
	Dimensions	9.92" x 3.8"	8.83" x 3.8"	5.7" x 4.26"	4.72" x 3.51"	4.72" x 3.51"	4.24" x 3.9"	4.92" x 4.8"	4.92" x 4.05"

5MP cameras

NDA A
COMPLIANT PRODUCT



PART NUMBER		DWC-VA583WTIR	DWC-VA553WTIR	DWC-B6563WTIRW	DWC-B6563WTR650W	DWC-V6563WTIR
Image	Image sensor	5MP 1/2.8" Star-Light Plus sensor				
	Signal technology	Universal HD over Coax technology with HD-Analog, HD-TVI and HD-CVI signal support				
	Effective pixels	2608 (H) x 1960 (V)	2608 (H) x 1960 (V)	2608 (H) x 1960 (V)	2608 (H) x 1960 (V)	2608 (H) x 1960 (V)
	Minimum scene illumination	0.08 lux (color) 0 lux (B/W)	0.16 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)
	Video output	5MP (1944p): 20fps (HD-Analog and HD-TVI only) 4MP (1440p): 30fps				
Lens	Focal length	2.7 - 13.5mm	4.0mm	2.7 - 13.5mm	6.0 - 50mm	2.7 - 13.5mm
	Lens type	Varifocal p-iris lens with motorized zoom and auto-focus	Fixed	Vari-focal with p-iris lens	Vari-focal with p-iris lens	Vari-focal with P-Iris lens
	IR distance	80ft range	70ft range	100ft range	150ft range	100ft range
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction				
	Backlight compensation (BLC)	Yes	Yes	Yes	Yes	Yes
	Wide dynamic range (WDR)	True WDR	True WDR	True WDR	True WDR	True WDR
	Day and night	True D/N	True D/N	True D/N	True D/N	True D/N
	Privacy zones	Yes	Yes	Yes	Yes	Yes
	De-Fog™	---	---	---	---	---
	RS485 / UTP built-in / UTC	UTC	UTC	PELCO D / UTC / UTP built-in	PELCO D / UTC / UTP built-in	PELCO D / UTC / UTP built-in
	Alarm output	---	---	1 alarm output	1 alarm output	1 alarm output
	Housing	Vandal outdoor ball	Vandal outdoor ball	Outdoor vandal bullet	Outdoor vandal bullet	Vandal dome
Environmental	Operating temperature	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)
	CleanView	---	---	---	---	Yes
	IP rating	IP67-rated	IP67-rated	IP66-rated	IP66-rated	IP66-rated
	IK rating	IK 10-rated impact-resistant		---	---	IK 10-rated impact-resistant
	Other certifications	FCC, CE, ROHS, NDAA compliant		UL listed, FCC, CE, ROHS, NDAA compliant		
Electrical	Power requirements	DC12V/AC24V dual voltage	DC 12V	DC12V/AC24V dual voltage	DC12V/AC24V dual voltage	DC12V/AC24V dual voltage
	Power consumption	DC12V (LED off): 4.36W, 363mA DC12V (LED on): 7.6W, 638mA	DC12V (LED off): 1.89W, 157mA DC12V (LED on): 4.26W, 355mA	DC12V (LED off): 3.3W, 275mA DC12V (LED On): 5W, 420mA	DC12V (LED off): 3.3W, 275mA DC12V (LED on): 6.2W, 531mA	DC12V (LED off): 3.3W, 275mA DC12V (LED on): 5.9W, 495mA
		AC24V (LED off): 4.5W, 278mA AC24V (LED on): 6.27W, 456mA		AC24V (LED Off): 2.86W, 119mA AC24V (LED on): 4.4W, 183mA	AC24V (LED off): 2.86W, 220mA AC24V (LED on): 5.6W, 390mA	AC24V (LED off): 2.75W, 200mA AC24V (LED on): 5.3W, 360mA
	Dimensions	5.7" x 4.26"	5.7" x 4.26"	8.83" x 3.81"	9.92" x 3.8"	5.7" x 4.26"

Universal HD Over Coax Cameras

5MP cameras



DWC-B7553WTIRW	DWC-D3563WTIR	DWC-D4583WTIR	DWC-MC553WTIR	DWC-V7553WTIR	DWC-V7553W
5MP 1/2.8" Star-Light Plus sensor					
Universal HD over Coax® technology with HD-Analog, HD-TVI and HD-CVI signal support					
2608 (H) x 1960 (V)	2608 (H) x 1960 (V)				
0.16 lux (color)	0.08 lux (color)	0.08 lux (color)	0.16 lux (color)		0.13 (color)
0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)		
5MP (1944p): 20fps (HD-Analog and HD-TVI only) 4MP (1440p): 30fps					
4.0mm	2.7 - 13.5mm	2.7 - 13.5mm	4.0mm	4.0mm	2.8mm
Fixed	Vari-focal with P-Iris lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Fixed lens	Fixed lens
70ft range	100ft range	70ft range	50ft range	50ft range	---
Smart DNR 3D digital noise reduction					
Yes	Yes	Yes	Yes		
True WDR	True WDR				
True D/N					
Yes	Yes				
---	---	---	---	---	---
UTC	PELCO D / UTC	PELCO D / UTC	UTC		
---	1 alarm output	1 alarm output	---	---	---
Outdoor vandal bullet	Indoor dome	SnapIt™ indoor dome	Micro dome	Ultra low-profile vandal dome	
-4°F ~ 122°F (-20°C ~ 50°C)	-4°F ~ 122°F (-20°C ~ 50°C)				
---	---	---	---	---	---
IP66-rated	---	---	IP66-rated		
---	---	---	IK 09-rated impact-resistant	IK 10-rated impact-resistant	
CE, FCC, ROHS, NDAA compliant				UL listed, CE, FCC, ROHS, NDAA compliant	
DC12V	DC12V/AC24V dual voltage	DC12V/AC24V dual voltage	DC12V	DC12V	DC12V
DC12V (LED off): 2W, 176mA DC12V (LED on): 3.9W, 333mA	DC12V (LED off): 3.3W, 275mA DC12V (LED on): 5.9W, 495mA	DC12V (LED off): 4.62W, 385mA DC12V (LED on): 7.13W, 595mA	DC12V (LED off): 1.98W, 165mA DC12V (LED on): 2.62W, 218mA	DC12V (LED off): 2W, 176mA DC12V (LED on): 2.69W, 224mA	DC12V: 2W, 176mA
	AC24V (LED off): 2.75W, 200mA AC24V (LED on): 5.3W , 360mA	AC24V (LED off): 3.96W, 280mA AC24V (LED on): 6.5W , 410mA			
6.41" x 2.65"	4.72" x 3.52"	4.24" x 3.9"	3.14" x 2.34"	4.13" x 2.38"	4.13" x 2.38"

* Chrome, black and white trim rings included. Color trim rings are sold separately.

Universal HD over Coax cameras



Snapit™ cameras



Universal HD over Coax cameras



PART NUMBER		DWC-B6263WTIR	DWC-B6263WTIR650	DWC-D4283WD DWC-V4283WD	DWC-D4283WTIR DWC-V4283WTIR	DWC-D3263WTIR	DWC-V6263WTIR	DWC-V6263TIR
Image	Image sensor	2.1MP/1080p 1/3" CMOS				2.1MP/1080p 1/3" CMOS		
	Signal technology	HD-analog, HD-TVI, HD-CVI and CVBS				HD-analog, HD-TVI, HD-CVI and CVBS		
	Effective pixels	1944(H) x 1092(V)		1944(H) x 1092(V)		1944(H) x 1092(V)		1920(H) x 1080(V)
	Minimum scene illumination	0.03 lux (color)	0.39 lux (color)	0.3 lux (color)	0.3 lux (color)	0.03 lux (color)	0.03 lux (color)	0.2 lux (color)
		0 lux (B/W)		---	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)	0 lux (B/W)
Lens	Video output	2.1MP/1080p at 30fps				2.1MP/1080p at 30fps		
	Focal length	2.8 - 12mm	6 - 50mm	2.8 - 12mm	2.8 - 12mm	2.8 - 12mm	2.8 - 12mm	2.8 - 12mm
	Lens type	Vari-focal p-iris lens		Varifocal p-iris lens with motorized zoom and auto-focus		Varifocal p-iris lens	Varifocal p-iris lens	Varifocal p-iris lens
	IR distance	100ft range	150ft range	---	100ft range	100ft range	100ft range	100ft range
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction						
	Backlight compensation (BLC)	Yes						
	Wide dynamic range (WDR)	True WDR						D-WDR
	Day and night	True D/N		Electronic D/N	True D/N	True D/N		
	Privacy zones	16 privacy masks		16 privacy masks		16 privacy masks		4 privacy masks
	De-Fog	Yes		Yes		Yes	Yes	---
	RS485 / UTP built-in / UTC	Yes		UTP built-in		UTP built-in	UTP built-in	---
	Alarm output	1 Alarm Output		1 alarm output		1 alarm output	1 alarm output	---
Environmental	Housing	Bullet		Snapit™ indoor and vandal domes		Indoor dome	Vandal dome	Vvandal dome
	Operating temperature	-4°F - 122°F (-20°C - 50°C)		-40°F - 122°F (-40°C - 50°C)		-4°F - 122°F (-20°C - 50°C)		
	CleanView	---		Yes (DWC-V4 models)		---	Yes	Yes
	IP rating	IP66-rated		IP68-rated (DWC-V4 models)		---	IP66-rated	IP66-rated
	IK rating	---		IK 10-rated impact-resistant (DWC-V4 models)		---	IK 10-rated impact-resistant	IK 10-rated impact-resistant
Electrical	Other certifications	UL listed, CE, FCC, ROHS, NDA A		CE, FCC, ROHS, NDA A			UL listed, FCC, CE, ROHS, NDA A	
	Power requirements	DC12V/AC24V dual voltage		DC12V/AC24V dual voltage		DC12V/AC24V dual voltage	DC12V/AC24V dual voltage	DC12V
	Power consumption	DC12V LED off: 3W LED on: 4.4W	DC12V LED off: 3W LED on: 6W	DC12V: 3.0W	DC12V LED off: 3.0W LED on: 5.2W	DC12V LED off: 2.94W LED on: 5.22W	DC12V LED off: 2.94W LED on: 5.22W	DC12V LED off: 186W LED on: 3.6W
		AC24V LED off: 2.7W LED on: 4.3W	AC24V LED off: 2.7W LED on: 5.5W	AC24V: 2.3W	AC24V LED off: 2.3W LED on: 4.6W	AC24V LED off: 2.5W LED on: 4.35W	AC24V LED off: 2.5W LED on: 4.35W	
Electrical	Dimensions	8.83" x 3.8"	9.92" x 3.8"	4.24" x 3.9" (DWC-D4 models) 5.47" x 4.79" (DWC-V4 models)		4.72" x 3.52"	5.7" x 4.26"	5.7" x 4.26"

LPR UHDoC Camera

LICENSE PLATE RECOGNITION

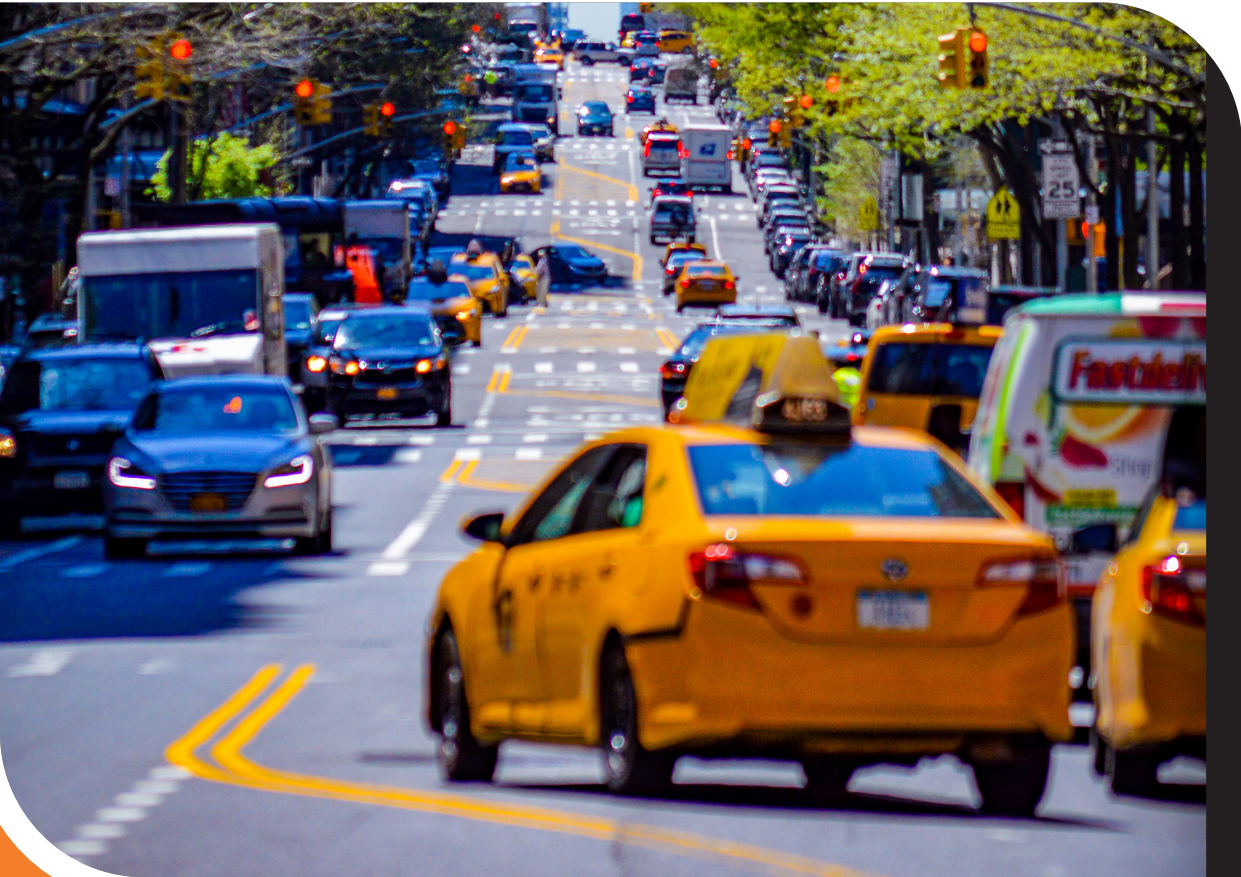
DW's LPR cameras capture license plates in moving vehicles at up to 50mph in extremely low light visibility.



LPR cameras can capture images of license plates from moving cars at up to 50mph.



Universal HD over Coax cameras can transmit HD-Analog, HD-TVI, HD-CVI and legacy CVBS signals up to 4K.



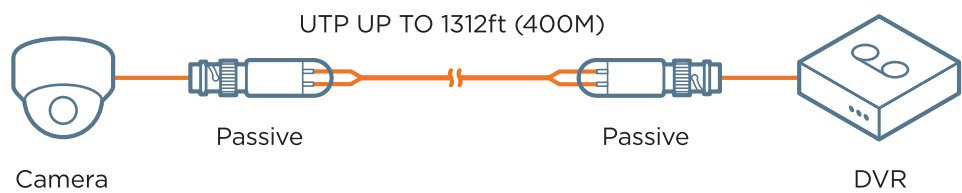
NDAA
COMPLIANT PRODUCT

PART NUMBER		DWC-LPR650UW
Image	Image sensor	2.1MP/1080p 1/3" CMOS
	Signal technology	Universal HD over Coax technology with HD-Analog, HD-TVI and HD-CVI signal support
	Effective pixels	1937(H) x 1097(V)
	Minimum scene illumination	---
	Video output	0 lux (B/W)
Lens	Focal length	2.1MP/1080p at 30fps
	IR distance	6 - 50mm
	Lens type	Vari-focal p-iris lens
	IR distance	60ft range
Operational	Digital noise reduction (DNR)	Smart DNR 3D digital noise reduction
	Backlight compensation (BLC)	---
	Wide dynamic range (WDR)	---
	Day and night	B/W only
	Privacy zones	16 privacy masks
	De-Fog™	Yes
	RS485 / UTP built-in	Yes
	Alarm output	1 alarm output
	Housing	Outdoor vandal bullet
Environmental	Operating temperature	-4°F - 122°F (-20°C - 50°C)
	CleanView	---
	IP rating	IP66-rated
	IK rating	---
	Other certifications	CE, FCC, ROHS, NDAA compliant
Electrical	Power requirements	DC12V/AC24V Dual Voltage
	Power consumption	DC12V: 6.12W
	Dimensions	AC24V: 5.7W
		9.4" x 3.81"

Use for any CAT5E application. Use a single pair of cables to pass through all HD-Analog, HD-TVI and HD-CVI signals up to 4K and CVBS signals up to 960H passively up to 1312ft in full color.

Connection Options

PASSIVE UTP VIDEO TRANSMISSION

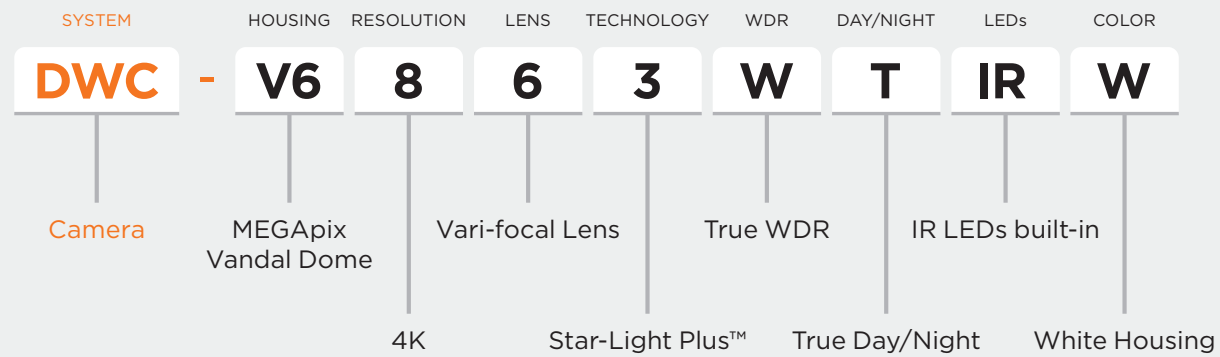


DW-HDBALUN5



SPECIFICATIONS	
Transmission signal	1 channel
Transmission distance	• HD-CVI 720p: 1312ft (400M) • HD-CVI 2.1MP/1080p: 820ft (250M) • HD-CVI 4MP/4K: 656ft (200M) • HD-TVI 720p: 820ft (250M) • HD-TVI 2.1MP/1080p: 820ft (250M) • HD-TVI 5MP/4K: 590ft (180M) • HD-Analog 720p: 1148ft (350M) • HD-Analog 2.1MP/1080p: 656ft (200M) • HD-Analog 5MP/4K: 590ft (180M)
Category type	UTP CAT5 / 5E / 6
VIDEO TRANSMISSION PROPERTIES AND PORT	
Coaxial video connector	BNC-M
ENVIRONMENTAL	
Operating temperature	14 ~ 131° F (-10 ~ 55° C)
Operating humidity	0-95% (non-condensing)
MECHANICAL	
Dimensions (L*W*H)	2.16" x 0.63" x 0.75"
Weight	0.049 lbs

Camera Part Numbering System



DWC-V6863WTIRW Vandal dome 4K camera with vari-focal lens, Star-Light Plus technology, True WDR, true day/night and IR LEDs in white housing



Built for Users.™

Contact Detail

Phone (Toll-Free): (866) 446-3595

Fax: (813) 888-9262

Customer Service (U.S.): (866) 446-3595

Customer Service (International): (813) 888-9555

Customer Service (French): (514) 360-1309

Sales Email: sales@digital-watchdog.com

RMA Email: rmaservice@digital-watchdog.com

Hours of Operations

Florida Office: 8:30 AM - 5:30 PM EST

California Office: 11:00 AM - 8:00 PM EST

Technical Support: 9:00 AM - 8:00 PM EST

