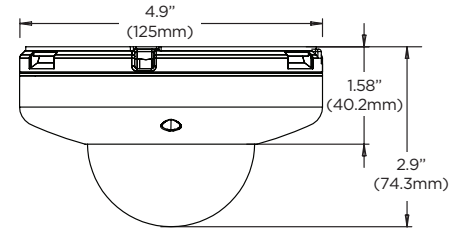




## Dimensions

Unit: Inch (mm)



## Summary

This NDAA-compliant MEGAPix® IP camera includes 2.8mm and 4.0mm fixed lens options and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting conditions, all in an IP66-rated, IK-10 impact resistant ultra low-profile vandal dome housing.

## Features

- 2.1MP/1080P sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.8mm fixed lens (DWC-MPF2Wi28TW)
- 4.0mm fixed lens (DWC-MPF2Wi4TW)
- Ultra low-profile vandal dome camera for discrete installation
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 50' Smart IR™ with intelligent camera sync for clear B/W images with no need for external light
- Smart DNR™ 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Two-way audio for direct communication between the monitoring station and the camera's location
- Local SD card slot for local recording in case of network loss
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

## Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/2.8" CMOS
Total pixels	1945 (H) X 1109 (V)
Minimum scene illumination	0.25 lux (color) 0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 16:9 aspect ratio
LENS	
Focal length	2.8mm, F2.0 (DWC-MF2Wi28TW) 4.0mm, F2.6 (DWC-MF2Wi4TW)
Lens type	Fixed lens
HFOV / VFOV	111° / 62° (DWC-MF2Wi28TW) 86° / 46° (DWC-MF2Wi4TW)
IR distance	50ft range
I/O	
Audio in/out and compression	1 input/1 output, G.711
Alarm in/out	1 input/1 output
OPERATIONAL	
Intelligent Video Analytics	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.* NOTE: object removed, tailgating, direction, stopped, appear, disappear, object left, and logical rules are available via IVA+ plugin update. For existing cameras, contact your DW sales representative for a complimentary update.
Shutter speed	1/15 - 1/32000
Slow shutter	1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
3D digital noise reduction	Smart DNR™ 3D-DNR
Wide Dynamic Range (WDR)	True WDR, 120dB
Privacy zone	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Email notifications, FTP, alarm output and SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264: 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 1280x720, 800x600, VGA, 768x432, D1, CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	100kbps - 10Mbps, multi-rate for preview and recording
Bitrate control	Multi streaming CBR/VBR at H.264, H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, TTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: IE®, Google Chrome®, Mozilla Firefox®, Safari® NOTE: Chrome is recommended for IVA configuration
Video management software	DW Spectrum®
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% (non-condensing)
IP/IK rating	IP66-rated / IK10 impact-resistant
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 2). (Adapter not included)
Mechanical consumption	DC12V: max 4W, PoE: max 5.5W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.9" x 2.9" (125 x 74.3 mm)
Weight	0.92 lbs (0.42kg)
Warranty	5 year warranty

## Accessories (optional)

