



Summary

The MEGAPIX® Pano™ 6MP three-sensor IP camera delivers crystal-clear 180° panoramic video for wide area surveillance at up to 20fps. Our revolutionary technology stitches the three images into a single 180° view. Use DW Spectrum® IPVMS to digitally zoom into the 6MP of resolution and reveal details in live and recorded video. The stylish bullet-style housing is easy to install and IP66-rated weather and tamper resistant for indoor and outdoor applications.

Features

- 3x 2.1MP/1080p 1/3" image sensor at 20fps
- 6MP 180° panoramic view IP camera
- 3x 4.3mm fixed lens
- True wide dynamic range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- Cold start -40°F (-40°C)
- Two-way audio
- Easy image alignment and stitching
- Digital zoom and pan control
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC class 10 Card Slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- UL listed
- ONVIF conformant, profile S
- PoE class 3 and DC12V
- IP66 environmental-rated dust-tight and water-resistant
- 5 year warranty

Accessories (Optional)



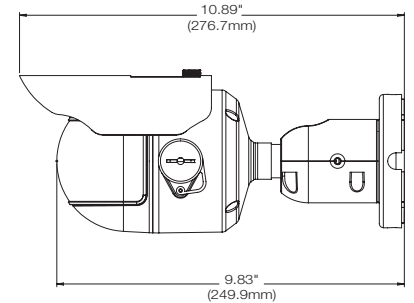
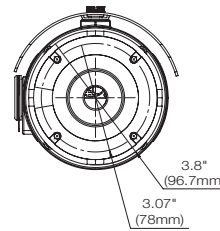
DWC-BLJUNC-W
White junction box



DWC-EXTIR100
External IR for panoramic bullet cameras

Dimensions

unit: inch (mm)



Specifications



Designed and engineered in U.S.A and Korea

IMAGE	
Image sensor	3x 1/3" CMOS
Total pixels	3x 1920 (H) x 1080 (V)
Minimum scene illumination	0.06 lux (color) 0.01 lux (B/W)
Maximum resolution	6MP (3x 2.1MP/1080p)
LENS	
Focal length	3x 4.3mm, F2.0
Lens type	Fixed lens
Field of view (FoV)	3x 62°
I/O	
Audio in / out	1/1
Alarm in / out	1/1
Audio compression	G.726, G.711, u-law (bi-directional)
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/30 - 1/30,000
Auto gain control	Max 41dB
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	Off, low, middle, high
Wide dynamic range (WDR)	True WDR on, off
Wide dynamic range (WDR) dB	100dB
White balance	Auto
Backlight compensation (BLC)	On, off
Privacy zones	8 programmable privacy masks
Alarm notifications	Notifications via SD card recording
Memory slot	Micro SD/SDHC class 10 card (card not included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264, MJPEG
Resolution	Up to 5760 (H) x 1080 (V) total pixels
Frame rate	5760 X 1080 at 20fps
Video bitrate	H.264 / H.265 : 32Kbps - 8Mbps MJPEG : 1Mbps - 40Mbps
Bitrate control	H.265 dual-stream or simultaneous H.265 / H.264 / MJPEG
Streaming capability	dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP, UDP, IP, HTTP, DHCP, DNS, ICMP, ARP, DDNS, NTP, SNMP, Syslog, UPnP, Bonjour, ZeroConf, RTP/RTSP, Onvif, Genetec Protocol
Security	Digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	10-90% RH, (non-condensing)
IP rating	IP66 certified
Other certifications	FCC, CE, ROHS, UL listed
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3at Class 3 (adaptor not included)
Power consumption	TDN On: MAX 10.1W TDN Off: 7.7W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	9.83" x 3.8" (249.9 x 96.7mm)
Weight	2.2 lbs (1.0 kg)