NDAA COMPLIANT PRODUCT

STAR-LIGHT PLUS™
Color in Darkness Technology

H.265 H.264/MJPEG   **30fps**
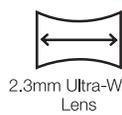
8MP Resolution

Star-Light Plus™

Intelligent Video Analytics

2.3mm Ultra-Wide Lens

H.265 H.264/MJPEG — **Triple Codecs**

5 YEAR Warranty

Dimensions
Unit: Inch (mm)

8.75" (222.5mm)

3.8" (96.7mm)

Specifications

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Summary

This MEGApix® 8MP ultra-wide view single-sensor bullet IP camera is NDAA compliant and can deliver real-time 30fps crystal-clear video with a 2.3mm ultra-wide view lens for wide-area situational awareness at an exceptionally short focal length.

Additional features include Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition, true WDR, Smart IR™ LEDs and simultaneous H.265/H.264/MJPEG codec support. The IP67 vandal- and weather-resistant bullet housing can be used for both indoor and outdoor installations. It's unique focal length is suitable for narrow corridor installations, with clear images as close as 19.5~23.5 inches from the camera.

Features

- 8MP 1/1.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.3mm ultra-wide lens
- True wide dynamic range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 100' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input and relay output
- Web server built-in
- PoE class 3 and DC12V
- UL listed
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
- 5 year warranty

ONVIF

Accessories (optional)

DWC-BLJUNC-W Junction box

DWC-PMB-WLW Pole mount bracket

DWC-V1CNMW Pole mount bracket
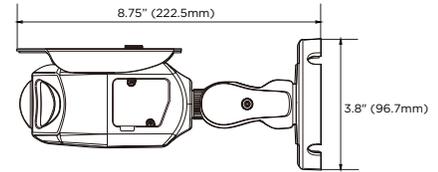
IMAGE	
Image sensor	8MP 1/1.8" CMOS sensor
Total pixels	3952 (H) x 2320 (V)
Minimum scene illumination	0.29 lux (color) 0 lux (B/W)
Test video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
S/N ratio	50dB
Maximum resolution	3840 (H) X 2160 (V)
LENS	
Focal length	2.3mm, F2.8
Lens type	Ultra-wide angle lens
Field of view (FoV)	H:175°/V:80°
IR distance	100ft range
I/O	
Audio in/out	1/1
Audio compression	G.711
Alarm in/out	1/1
OPERATIONAL	
Intelligent Video Analytics	IVA: intrusion, line crossing, counting line, loitering, enter, exit, tamper (DWC-MBW8Wi2TW)
	IVA+: object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules (DWC-MPBW8Wi2TW)
Shutter mode	Auto, manual, anti-flicker, slow shutter
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/night	Auto, day (color), night (B/W)
3D digital noise reduction	Smart DNR™ 3D-DNR
Wide dynamic range (WDR)	True WDR, 120dB
White balance	Auto
Mirror and flip	Yes
Alarm notifications	Sent via email, FTP, alarm output and SD card recording
Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
NETWORK	
LAN	1000Base-T (1Gbps)
Video compression type	H.265, H.264, MJPEG
Resolution	H.264: QFHD, 2.1MP/1080p, 720p, VGA, D1, CIF H.265: QFHD, 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 2.1MP/1080p, 720p, 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.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication
ONVIF conformance	Yes
Web viewer	OS: Windows® 7, Windows® 8, Windows® 10 Browser: IE, Chrome, Firefox NOTE: Chrome browser is recommended for IVA configuration
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10~90% RH, (non–condensing)
IP rating	IP67-rated
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not included)
Power consumption	DC12V: 8.9W, PoE: 12.3W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	5.03" x 8.75" x 3.8" (127.9 x 222.5 x 96.7mm)
Weight	(0.97 kg)
Warranty	5 year warranty

Built for Users.™ DW®