STAR-LIGHT PLUS

H.265 H.264/MJPG **30fps**

NDAA COMPLIANT PRODUCT

Dimensions
Unit: Inch (mm)

8.75" (222.5mm)

3.8" (96.7mm)

Specifications

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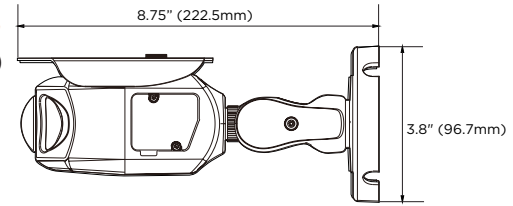## Summary

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.

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 view lens for edge-to-edge image clarity without pixel loss
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 100' 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.
- 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
- Alarm sensor input and relay output for access control integration
- 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
- IP66- and IK9-rated camera housing built to last
- 5 year warranty

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)	Horizontal: 175°/Vertical: 80°
IR distance	100ft 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/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.265, H.264: 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®
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