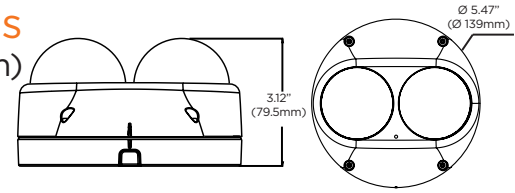




**Dimensions**  
Unit: Inch (mm)



**Summary**

This NDAA-compliant MEGAPIX Ai IP camera provides two 5MP channels at real-time 30fps with an AI edge engine onboard one channel, placing the power of AI object detection at your fingertips. The dual-sensor vandal dome camera offers two independently adjustable cameras in one housing for a simplified installation.

**Features**

- 2x 5MP sensors at real-time 30fps
- Star-Light Plus color in near-total darkness technology.
- AI-based object and people detection, classification and tracking.
- Create up to 40 separate detection zones.
- Easy setup with no manual analytics calibration.
- Seamless integration and control with DW Spectrum.
- Reduce false alarms with multiple detection zones and logical rules.
- Increase your recording storage with smart recording and no false alarms.
- Dual-sensor vandal dome camera, two cameras in one installation
- 180° hallway and 90° corner coverage with a single camera installation
- 2x 2.8mm fixed lens
- 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 minimizes noise and ghosting in motion, particularly 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.
- 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/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

**Specifications**

<b>IMAGE</b>	
Image sensor	1/2.8" 5.69M CMOS (x2)
Total pixels	2704(H) X 2104(V) (x2)
Active pixels	2592(H) X 1944(V) (x2)
Minimum scene illumination	0.13 lux (color) 0 lux (B/W)
S/N ratio	50dB
Test monitor video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
<b>LENS</b>	
Focal length	2.8mm, F1.8 (x2)
Lens type	Fixed lens
Horizontal Field of view (HFOV)	102.4° (x2)
Vertical Field of view (VFOV)	77.4° (x2)
IR distance	60ft
<b>I/O</b>	
Audio input/output	1 microphone built-in/1 output
Audio compression	G.711
Alarm input/output	1 input/1 output
Event trigger	Motion alarm, network loss, temperature anomaly, illegal login, schedule, sensor detection
Pre- and Post-Alarm	pre-alarm: 1 - 0-5 pos-alarm : 1 - 240
<b>INTELLIGENT VIDEO ANALYTICS (AVAILABLE ON ONE CHANNEL)</b>	
AI-based video analytics	AI-based object and people detection, classification and tracking
Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules
<b>OPERATIONAL</b>	
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 and night	TDN, Auto, day (color), night (B/W)
Digital Noise Reduction (DNR)	Smart DNR™ 3D DNR
Wide Dynamic Range (WDR)	True WDR
Wide Dynamic Range (WDR) dB	120dB
White balance	Yes
Privacy zones	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Notifications via email, FTP, alarm output and SD card recording
Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
<b>NETWORK</b>	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264 (x2): 2592x1944, 2560x1440, 1920x1080, 1280x720, 640x480, 640x360, 352x288, 352x240 MJPEG (x2): 280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240
Frame rate	Up to 30fps at all resolutions
Video bitrate	100kbps - 25Mbps, 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, Auto IP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, IGMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication
ONVIF conformance	Yes
Web viewer	OS: Windows, iOS, Linux Browser: Internet Explorer, Google Chrome, Mozilla Firefox, Safari
Video management software	DW Spectrum
<b>ENVIRONMENTAL</b>	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH, (non-condensing)
IP and IK rating	IP67-rated, IK10-rated
Other certifications	FCC, CE, ROHS, LU-listed, NDAA, TAA
<b>ELECTRICAL</b>	
Power requirement	DC12V, PoE IEEE 802.3af Class3 (Adapter not included)
Power consumption	12V DC: 9.9W, 826mA, PoE: 11.6W, 241mA
<b>MECHANICAL</b>	
Material	Aluminum vandal housing, polycarbonate domes
Dimensions	5.47" x 3.12" (139 x 79.5mm)
Weight	1.49 lbs (0.68 kg)
Warranty	5 year warranty

**Mounting accessories**



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**Built for Users.**<sup>TM</sup>

