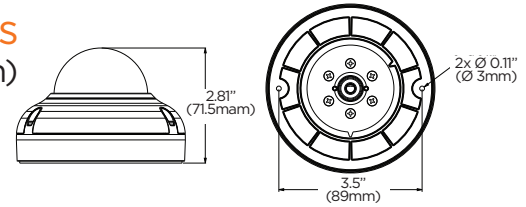




## Dimensions

Unit: Inch (mm)



## Summary

The NDAA/TAA compliant MEGApix Ai IP camera provides 5MP resolution and a wide-angle 2.8mm fixed lens. It is powered by AI with object detection and people tracking. This camera features a revolutionary, ultra low-profile design that eliminates IR reflection, Star-Light Plus color in near-total darkness technology and is ONVIF conformant for integration with any open platform on the market.

## Features & Benefits

- 5MP sensor 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 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.
- Ultra low-profile vandal dome camera for discrete installation.
- Separate IR LEDs cover for zero IR reflection.
- 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.
- 90' 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.
- 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

IMAGE	
Image sensor	1/2.8" 5.1MP Star-Light Plus™ sensor
Total pixels	2608(H) X 1984(V)
Active pixels	2592(H) X 1944(V)
Minimum scene illumination	0.08 lux (color) 0 lux (B/W)
S/N ratio	50dB
LENS	
Focal length	2.8mm, F2.2
Lens type	Fixed lens
Field of view (HFOV/ VFOV)	97.7° / 73°
IR distance	90ft range
I/O	
Audio input/output	1 microphone built-in/1 line output
Audio compression	G.711 ulaw
Alarm input/output	1 input/1 output
Event trigger	Motion, network loss, temperature anomaly, illegal login, schedule, sensor detection
INTELLIGENT VIDEO ANALYTICS	
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
OPERATIONAL	
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	Auto, day (color), night (B/W)
3D Digital Noise Reduction	Smart DNR™ 3D-DNR
Wide Dynamic Range (WDR)	True WD, 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)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264: 2592x1944, 2560x1440, 1920x1080, 1280x720, 800x600, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 MJPEG: 1920x1080, 1280x720, 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	Triple Streaming (3rd stream MJPEG only)
IP	IPv4
Protocol	TCP/IP, UDP, Auto IP, 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, iOS, Linux Browser: Microsoft Edge, Google Chrome, Mozilla Firefox, Safari
Video management software	DW Spectrum
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IK/IP rating	IK10 impact-resistant/ IP67-rated
Other certifications	CE, FCC, UL, NDAA, TAA
ELECTRICAL	
Power requirement	DC12V, PoE, adapter not included
Power consumption	12V DC: 10.4W, 866mA PoE: 12.5W, 260mA
MECHANICAL	
Material	Aluminum die-casting vandal housing, polycarbonate dome
Dimensions	4.13" x 2.83" (105 x 72mm)
Weight	0.97 lbs (0.44 kg)
Warranty	5 year warranty

## Accessories (optional)



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