



Summary

This MEGApix IP camera delivers real-time 5MP resolution images and is engineered to capture license plates of moving vehicles in extreme light conditions, from ranges of up to 60' at up to 50mph.

Features

- 5MP 1/2.8" image sensor at real-time 30fps
- License plate recognition technology captures reflective license plates up to 50mph with up to 60' capture range.
- Reliable performance under any lighting conditions
- Long-range vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and focused image at any time.
- Simultaneous streaming and multiple codec options for smart bandwidth management
- Cold Start -40°F (-40°C), allowing the camera to power up in extremely cold environments
- 80' 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
- 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
- IP66- and IK09-rated camera housing built to last
- 5 year warranty

Accessories (optional)



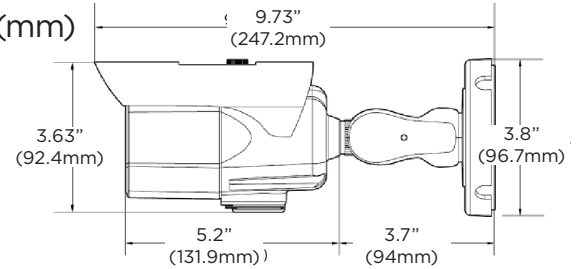
DWC-BAJUNC
Waterproof junction box



DWC-B7JUNCW
Junction box

Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Total pixels	2592 (H) X 1944 (V)
Minimum scene illumination	0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	6.0 - 50mm, F1.6
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	6.9° - 40.8°
IR distance	80ft range
Optical zoom	x8 optical zoom
I/O	
Audio in/out and compression	1 input /1 output, G.711
Alarm in/out	1 input /1 output
OPERATIONAL	
Image capture range	Up to 60' and 50 MPH
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	B/W mode only
Smart DNR 3D digital noise reduction	3D-DNR
Privacy zone	16 programmable privacy masks
Alarm notifications	E-mail, FTP server, alarm output activation or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not Included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264: 2592x1944, 2304x1296, 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	H.264 / H.265: 32Kbps - 14Mbps 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/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 (SSL), IP filtering, 802.1x, 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
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66-rated
IK rating	IK9 impact-resistant
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not Included)
Power consumption	DC12V: max 9W, PoE: max 10.5W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	9.73" x 3.8" (247.2 x 96.7mm) * Based on the position of the sun shield cover
Weight	1.98 lbs (0.9kg)
Warranty	5 year warranty

