MEGAPIX LPR
License Plate Recognition IP Camera

NDAA COMPLIANT PRODUCTS

VARI-FOCAL LENS with MOTORIZED ZOOM & AUTO FOCUS

-40° Cold Start™

H.265 H.264/MJPEG

30fps

5MP Resolution	6-50mm Vari-Focal Motorized Zoom P-Iris Lens	DW4LPR LPR	SPEED LIMIT 50 50mph	H.265 H.264/MJPEG Triple Codecs	**5 YEAR** Warranty

Dimensions
unit: Inch (mm)

9.73" (247.2mm)
3.63" (92.4mm)
3.8" (96.7mm)
5.2" (131.9mm)
3.7" (94mm)

Summary

These MEGApix® IP cameras deliver crystal-clear images at 5MP resolution and real-time 30fps with a 6-50mm long range vari-focal auto-focus lens and motorized zoom. The cameras are engineered to capture license plates of moving vehicles in extreme light conditions, from ranges of up to 60' at up to 50mph. They deliver simultaneous H.265/H.264/MJPEG codec support. The IP66 weather-resistant housing and Cold Start at -40° F/-40° C assure that license plates are captured clearly and visibly no matter the lighting conditions or weather challenges.

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
- 6~50mm vari-focal p-iris lens with motorized zoom and auto-focus
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- Cold Start -40°F (-40°C)
- 80' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- Programmable privacy zones
- 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
- Relay output
- Web server built-in
- PoE Class 3 and DC12V
- ONVIF conformant, profile S
- NDAA compliant
- IP66 environmental-rated dust-tight and water-resistant
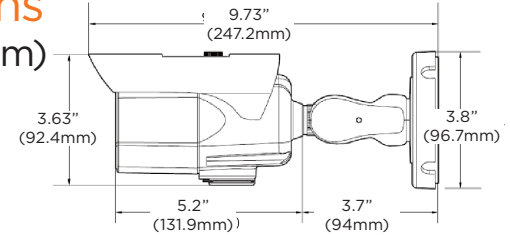- IK 9-rated impact-resistant
- 5 year warranty

ONVIF

Specifications

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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	Notifications via 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: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF 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® IPVMS
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

Accessories (optional)

DWC-BLJUNC-W Junction box

DWC-PMB-WLW Pole mount bracket

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