MEGAPIX®
IP cameras

VARI-FOCAL LENS with **MOTORIZED ZOOM & AUTO FOCUS**

NDAA COMPLIANT PRODUCTS

H.265 H.264/MJPEG

30fps

5MP Resolution	**2.8-12mm** Vari-Focal Lens	WDR	Smart IR™	IP67 Rated	**5 YEAR** Warranty

Summary

These MEGApix® IP cameras are NDAA compliant and deliver crystal-clear images at 5MP resolution and real-time 30fps. The vandal dome camera features a 2.8-12mm vari-focal lens with motorized zoom in an IP67-rated, IK10 impact-resistant housing. Added intelligence includes line crossing, perimeter intrusion, video tampering detection and object classification. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 5MP 1/2.7" image sensor at real-time 30fps
- 2.8~12mm vari-focal lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 164ft range Smart IR™
- Object classification video analytics
- Line crossing video analytics
- Perimeter intrusion video analytics
- Video tampering with scene change detection video analytics
- Video tampering with video blur detection video analytics
- Video tampering with abnormal color detection video analytics
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- De-Fog™ extreme weather image compensation
- Auto white balance (AWB)
- Motion detection
- Two-way audio with built-in microphone
- 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
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty

ONVIF

Mounting accessories (Optional)

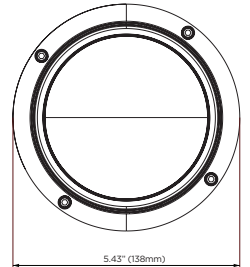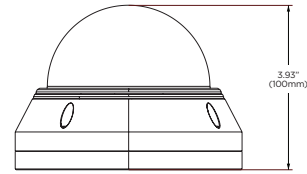**DWC-MV9CMJ2** Ceiling mount bracket and junction box

DWC-MV9JUNC2 Junction box

DWC-MV9WMJ2 Wall mount bracket and junction box

Dimensions
unit: Inch (mm)

3.93" (100mm)

5.43" (138mm)

Specifications

IMAGE	
Image sensor	5MP 1/2.7" CMOS
Total pixels	2592 (H) x1944 (V)
Minimum scene illumination	0.01 lux (color), 0.0 lux (B/W)
S/N ratio	50dB
Test monitor video output	Local video output CVBS
LENS	
Focal length	2.8 ~ 12mm, F1.4
Lens type	Vari-focal lens with motorized zoom and auto-focus
Field of view (FoV)	95.1° ~ 30°
IR distance	164ft range
I/O	
Audio in / out	1 audio input and 1 microphone built-in/ 1 output
Audio compression	G.711A / U
Alarm in / out	1 alarm input / 1 alarm output
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/30s ~ 1/100000s
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W), schedule
Smart DNR™ 3D digital noise reduction	3D DNR
Wide dynamic range (WDR)	True WDR low, middle, high
Wide dynamic range (WDR) dB	120dB
Privacy zone	4 programmable privacy masks
Camera analytics	Line crossing, perimeter intrusion, video tampering detection (scene change, video blur, abnormal color detection), object classification (differentiate humans from objects)
Backlight compensation (BLC)	Yes
De-Fog	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via email or FTP server
Memory slot	Micro SD / SDHC / SDXC card up to 256GB (card not Included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264, MJPEG
Resolution	5MP, 4MP, 2K, 3MP, 2.1MP/1080p, 720p (60Hz: 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P (60Hz : 1 ~ 60fps; 50Hz: 1~50fps)
Frame rate	Up to 30fps at all resolutions
Video bitrate	64 Kbps ~ 8 Mbps
Bitrate control	Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
Security	IP filtering, MAC filtering, authentication (ID/PW), SSL/TSL
ONVIF conformance	Yes
Web viewer	OS: Windows®
	Browser: Internet Explorer
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-22°F ~ 140°F (-30°C ~ 60°C)
Operating humidity	95% RH (non–condensing)
IP rating	IP67-rated
IK rating	IK10 impact-resistant
Other certifications	FCC, CE, ROHS, POE, ONVIF
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included)
Power consumption	9W
MECHANICAL	
Material	Metal vandal housing, polycarbonate dome
Dimensions	5.43" x 3.93" (138 x 100 mm)
Weight	1.98 lb (0.9 kg)
Warranty	5 year warranty

DW
Complete Surveillance Solutions™