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

Dimensions
unit: Inch (mm)

5.16" (131.1mm) 5.16" (131.1mm) 4.13" (105mm)

Summary

These MEGApix® IP cameras are NDAA compliant and deliver crystal-clear images at 5MP resolution and real-time 30fps. The IP67-rated turret camera features a 2.8-12mm vari-focal lens with motorized zoom and a 360° camera gimbal for absolute view adjustment. 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
- Audio input through built-in microphone
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- 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
- 3 year warranty

ꓚnVIF

Mounting accessories (Optional)
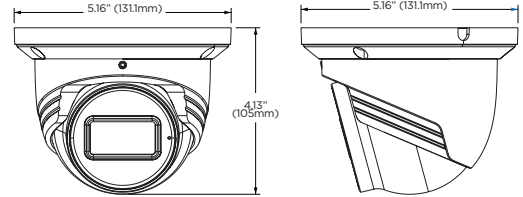
DWC-MT9CMJ2
Ceiling mount bracket and junction box

DWC-MT9JUNC2
Junction box

DWC-MTTWM2
Wall mount bracket

Specifications

IMAGE	
Image sensor	5MP 1/2.7" CMOS
Total pixels	2592 (H) x 1944 (V)
Minimum scene illumination	0.01 lux (color) 0.0 lux (B/W)
S/N ratio	50dB
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
Audio compression	G.711A / U
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
DeFog	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 turret housing
Dimensions	5.16" x 4.13" (131.1 x 105 mm)
Weight	1.45 lb (0.66 kg)
Warranty	3 year warranty

ORDERING INFORMATION

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104-839   Digital Watchdog DWC-MT95WiATW 5MP Turret 2.8-12mm