MEGAPIX
IP cameras

2.8mm FIXED LENS

H.265 H.264/MJPEG | 30fps

NDAA COMPLIANT PRODUCTS

5MP Resolution	2.8mm Fixed Lens	WDR	White Light LEDs	IP67 Rated	**5**YEAR Warranty

Dimensions
unit: Inch (mm)

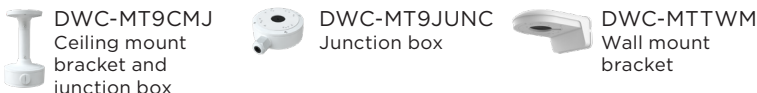4.66" (118.6mm)   4.66" (118.6mm)   3.58" (91mm)

Summary

This NDAA compliant MEGApix IP camera delivers crystal-clear images at 5MP resolution at real-time 30fps with white light LEDs built-in. The IP67-rated turret camera features a 2.8mm fixed lens and a 360° camera gimbal for absolute view adjustment. The white light LEDs offer up to 100ft range for quality video in any lighting condition. 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
- 2.8mm fixed lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 100ft range white light LEDs
- 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
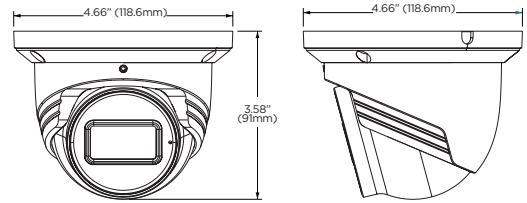- IP67 dust-tight and waterproof to 3 feet
- 5 year warranty

ONVIF

Mounting accessories (Optional)

DWC-MT9CMJ
Ceiling mount bracket and junction box

DWC-MT9JUNC
Junction box

DWC-MTTWM
Wall mount bracket

Specifications

IMAGE	
Image sensor	5MP 1/2.7" CMOS
Total pixels	2592 (H) x 1944 (V)
Minimum scene illumination	0.0 lux (B/W)
S/N ratio	50dB
LENS	
Focal length	2.8mm, F1.0
Lens type	Fixed lens
Field of view (FoV)	94.8°
IR distance	2 white light LEDs, 98ft 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
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	Main stream: 5MP, 4MP, 2K, 3MP, 2.1MP/1080p, 720p (60Hz: 1 ~ 30fps; 50Hz: 1-25fps) Sub-stream: 720P, D1, CIF, 480¿240 (60Hz: 1 ~ 30fps; 50Hz: 1-25fps) Third stream: D1, CIF, 480¿240 (60Hz: 1 ~ 30fps; 50Hz: 1-25fps)
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	0~95% RH (non-condensing)
IP rating	IP67-rated
Other certifications	FCC, CE, ROHS, POE, ONVIF
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included)
Power consumption	7W
MECHANICAL	
Material	Metal turret housing
Dimensions	4.66" x 3.58" (118.6 x 91 mm)
Weight	1.01 lb (0.46 kg)
Warranty	5 year warranty

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DW Complete Surveillance Solutions™