



**2.8/3.6 mm**  
FIXED LENS  
OPTIONS

**H.265**  
H.264/MJPEG

**30fps**

**4MP**

Resolution



2.8, 3.6mm Fixed  
Lens Options



WDR



Smart IR™



IP67 Rated

**5YEAR**

Warranty

## Summary

These MEGApix® IP cameras deliver crystal-clear images at 4MP resolution and real-time 30fps. The vandal dome camera features 2.8mm and 3.6mm fixed lens options 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

- 4MP 1/3" image sensor at real-time 30fps
- 2.8mm fixed lens (DWC-MV94Wi28T)
- 3.6mm fixed lens (DWC-MV94Wi36T)
- True Wide Dynamic Range (WDR)
- Multi codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 100ft range Smart IR™
- Object classification video analytics
- Line Crossing and 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 class 10 card slot (card not included)
- Alarm sensor input and relay output
- Web server built-in
- PoE class 3 and DC12V
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty



## Mounting accessories (Optional)



DWC-MV9CMJ  
Ceiling mount  
bracket and  
junction box



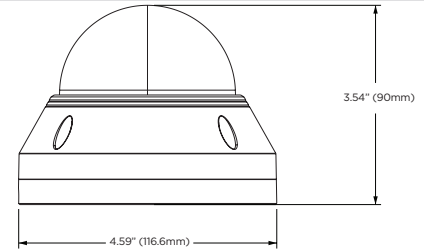
DWC-MV9JUNC  
Junction box



DWC-MTTWM  
Wall mount  
bracket

## Dimensions

unit: Inch (mm)



## Specifications

IMAGE	
Image sensor	4MP 1/3" CMOS
Total pixels	2592 (H) X 1520 (V)
Minimum scene illumination	0.005 lux (color) 0.0 lux (B/W)
S/N ratio	50dB
LENS	
Focal length	2.8mm, F1.6 (DWC-MV94Wi28T) 3.6mm, F1.6 (DWC-MV94Wi36T)
Lens type	Fixed lens
Field of view (FoV)	100.4° (DWC-MV94Wi28T) 80.6° (DWC-MV94Wi36T)
IR distance	100ft range
I/O	
Audio in / out	1 audio input, 1 microphone built-in
Audio compression	G.711A / U
Alarm in / out	1/1
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, 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)
Alarm notifications	Notifications via e-mail or FTP server
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264, MJPEG
Resolution	4MP (2592x1520) at 30fps
Frame rate	Up to 30fps at all resolutions
Video bitrate	64 Kbps - 8 Mbps
Bitrate control	Multi-streaming CBR/VBR at H.265/H.264 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTPPs, 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	10-95% RH (non-condensing)
IP rating	IP67-rated
IK rating	IK10 impact-resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included)
Power consumption	<7W
MECHANICAL	
Material	Metal vandal housing, polycarbonate dome
Dimensions	4.59" x 3.54" (116.6x 90 mm)
Weight	1.43 lb (0.65 kg)
Warranty	5 year warranty