MEGApix
IP Cameras

4 Megapixel

3.3~12mm Varifocal Lens

WDR

Analytics

IP66 Rated

5YEAR Warranty

Summary

This MEGApix® IP camera provides 4MP resolution at real-time 30fps with multiple analytics features that elevate the camera to the next level. Added intelligence includes line crossing, perimeter intrusion and video tampering detection. The IP66-rated and IK10-impact resistant outdoor vandal dome housing features 100ft range IR, True WDR, and H.265 codec support. 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
- 3.3~12mm varifocal remote auto-focus lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 100ft range IR
- 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)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- TF card slot (card not included, up to 128GB)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 2 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 certified weather and tamper resistant
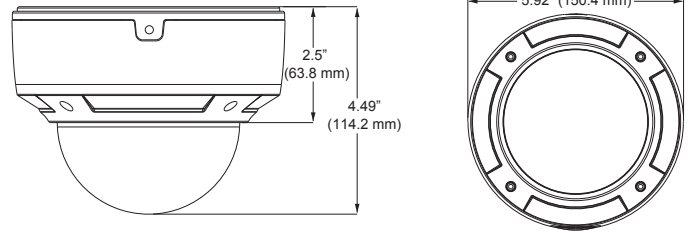- IK10-rated impact-resistant
- 5 year warranty

ONVIF

Mounting accessories (Optional)

DWC-MVTCMJ2
Ceiling mount bracket and junction box

DWC-MVTJUNC2
Junction box

DWC-MVTWMJ2
Wall mount bracket and junction box

Dimensions
unit: Inch (mm)

2.5" (63.8 mm)

4.49" (114.2 mm)

5.92" (150.4 mm)

Specifications

IMAGE	
Image sensor	1/3" CMOS
Total pixels	2688 (H) x 1520 (V)
Minimum scene illumination	0.045 lux (color)
	0.0 lux (B&W)
S/N ratio	50dB
Video output	CVBS video output (BNC D1)
LENS	
Focal length	3.3-12mm, F1.4
Lens type	Varifocal remote auto-focus lens
Field of view (FoV)	80° ~ 38°
IR distance	100ft range
Optical zoom	4x optical zoom
AUDIO	
Audio in / out	1/1
Audio compression	G.711A / U
Alarm in / out	1/1
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/25s ~ 1/100000s
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W), schedule
Smart DNR™ 3D digital noise reduction	2D / 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 (scense change, video blur, abnormal color detection)
Alarm notifications	Notifications via e-mail or FTP server
Memory slot	TF card slot (card not included, up to 128GB)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264 or MJPEG
Resolution	4MP (2592×1520) at 30fps
Frame rate	Up to 30fps at all resolutions
Video bitrate	64 Kbps ~ 10 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	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
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	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10~90% RH (non-condensing)
IP rating	IP66 certified weather and tamper resistant
IK rating	IK10 rated impact resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE (IEEE 802.3af class 2).
Power consumption	LED on: 5W LED off: 2.5W
MECHANICAL	
Material	Metal vandal housing, polycarbonate dome
Dimensions	4.48" x 5.9" (114 x 150 mm)
Weight	2.27 lb (1.030kg)

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Complete Surveillance Solutions

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