



**4** Megapixel  
 3.3-12mm Varifocal Lens  
 WDR  
 Analytics  
 IP66 Rated  
**5** YEAR 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

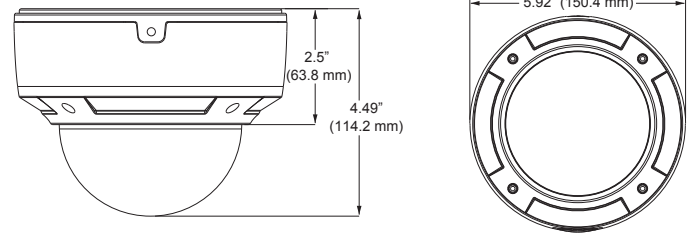


## Mounting accessories (Optional)



## Dimensions

unit: Inch (mm)



## Specifications

<b>IMAGE</b>	
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)
<b>LENS</b>	
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
<b>AUDIO</b>	
Audio in / out	1/1
Audio compression	G.711A / U
Alarm in / out	1/1
<b>OPERATIONAL</b>	
Shutter mode	Auto, manual
Shutter speed	1/25s - 1/1000000s
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 (scene 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)
<b>NETWORK</b>	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.265, H.264 or MJPEG
Resolution	4MP (2592x1520) 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
<b>ENVIRONMENTAL</b>	
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
<b>ELECTRICAL</b>	
Power requirement	DC12V, PoE (IEEE 802.3af class 2).
Power consumption	LED on: 5W LED off: 2.5W
<b>MECHANICAL</b>	
Material	Metal vandal housing, polycarbonate dome
Dimensions	4.48" x 5.9" (114 x 150 mm)
Weight	2.27 lb (1.030kg)