



## Summary

MEGApix® IP cameras provide 4MP resolution at up to real-time 30fps. The PoE cameras include true WDR and 3D DNR for quality video in challenging lighting environments, all in an IP66-rated ultra low-profile dome housing.

## Features

- 4MP 1/3" image sensor at real-time 30fps
- DWC-MF4Wi4: 4.0mm fixed lens
- DWC-MF4Wi6: 6.0mm fixed lens
- DWC-MF4Wi8: 8.0mm fixed lens
- True Wide Dynamic Range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 50' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Web server built-in
- PoE class 2 and DC12V
- Waterproof cabling
- UL listed
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

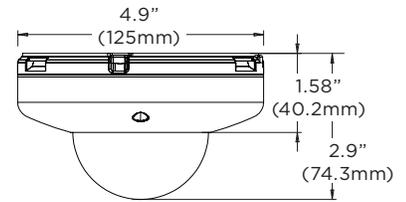


## Accessories (Optional)



## Dimensions

unit : mm (inch)



## Specifications



Designed and engineered in U.S.A and Korea

IMAGE	
Image Sensor	4MP 1/3" CMOS
Total Pixels	2688 (H) x 1520 (V)
Minimum Scene Illumination	0.41 lux (color) 0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal Length	DWC-MF4Wi4: 4.0mm, F2.0 DWC-MF4Wi6: 6.0mm, F2.0 DWC-MF4Wi8: 8.0mm, F2.0
Lens Type	Fixed lens
Field of view (FoV)	DWC-MF4Wi4: 81° DWC-MF4Wi6: 51° DWC-MF4Wi8: 39°
IR Distance	50ft range
OPERATIONAL	
Shutter Mode	Auto, manual, anti-flicker, slow shutter
Shutter Speed	1/30-1/32000
Slow shutter	1-1/5,1/7.5, 1/10
Auto Gain Control	Auto
Day and Night	Auto, day (color), night (B/W)
Smart DNR™ 3D Digital Noise Reduction	0-11
Wide Dynamic Range (WDR)	True WDR off, WDR2x, WDR3x
Wide dynamic range (WDR) dB	120dB
Privacy Zones	16 programmable privacy masks
Alarm Notifications	Notifications via e-mail, FTP server or SD card recording Notifications via e-mail, FTP server or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video Compression Type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280x720/800x600/VGA/768x432/D1/CIF
Frame Rate	Up to 30fps at all resolutions
Video bitrate	100Kbps - 10Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.264 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	Zero config(Auto IP), ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	HTTPS(TLS), IP filtering, 802.1x, digest authentication(ID/PW)
ONVIF Conformance	Yes
Web Viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
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-rated
IK rating	IK10-rated impact-resistant
Other Certifications	CE, FCC, RoHS, UL listing
ELECTRICAL	
Power Requirement	DC12V, PoE (IEEE 802.3af class 3). Adapter not Included.
Power Consumption	DC12V: Max 5.6W PoE: Max 7.4W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.9" x 2.9" (125 x 74.3 mm)
Weight	1.54 lbs (0.7kg)
Warranty	5 years warranty