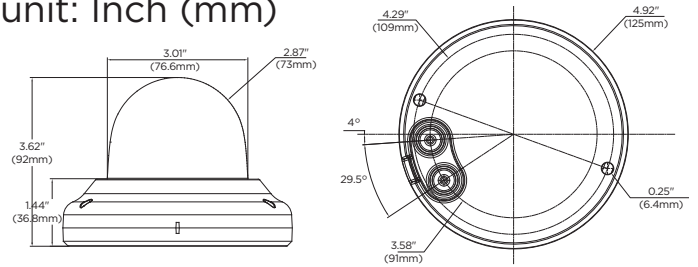




## Dimensions

unit: Inch (mm)



## Specifications

IMAGE	
Image sensor	4K 1/1.8" CMOS
Total pixels	3952(H) x 2320(V)
Minimum scene illumination	0.09 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	3.6-10mm, F1.5
Lens type	Vari-focal p-iris lens with motorized-zoom and auto-focus
Field of view (FoV)	98.4° - 45.7°
IR distance	100ft range
Optical zoom / digital zoom	x2.7 optical zoom
I/O	
Audio in/ out	1/1
Audio compression	G.711
Alarm in/Out	1/1
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15 - 1/32000
Slow shutter	1/2,1/3,1/5,1/6,1/7.5, 1/10
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
Smart DNR™ 3D	3D-DNR
Digital noise reduction	
Wide Dynamic Range (WDR)	True WDR (max. 15fps when WDR on)
Wide Dynamic Range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Backlight compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via e-mail notifications, FTP, alarm output and SD card recording
Memory Slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	1000Base-T(1Gbps)
Video Compression type	H.265, H.264, MJPEG
Resolution	H.265: QFHD/1080p/720p/VGA/D1/CIF H.264: QFHD/1080p/720p/VGA/D1/CIF MJPEG: 1080p/720p/800x600/VGA/768x432/D1/CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	100K - 10M, multi-rate for preview and recording
Bitrate control	Multistreaming CBR/VBR at H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS(SSL), 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)
IK rating	IK10 impact-resistant
IP rating	IP66-rated
Other certifications	CE, FCC
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE (802.3af class 3). (Adapter not included)
Power consumption	DC12V: max 9.3W PoE: max 11.6W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.9" x 3.6" (125 x 92 mm)
Weight	1.14 lb (0.51kg)
Warranty	5 year warranty

## Summary

This MEGAPIX® IP camera provides 4K resolution at real-time 30fps. It includes a 3.6-10mm vari-focal auto-focus lens with motorized zoom, simultaneous H.265/H.264/MJPEG codec support and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition. The IP66-rated, IK-10 impact-resistant vandal housing features CleanView™ self-cleaning dome treatment. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 4K 1/1.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 3.6-10mm vari-focal p-iris lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 100' Smart IR™ with intelligent camera sync
- CleanView™ hydrophobic dome coating repels water, dust and grease
- 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
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty



## Accessories (Optional)



DWC-VFWMW  
Wall mount bracket



DWC-VFJUNCW  
Junction box



DWC-VFCMW  
Ceiling mount bracket

