



**4MP** Resolution All-in-one cameras No Server Required Up to 30 Cameras 6.0mm Fixed Lens **5 YEAR** Warranty

## Summary

MEGApix® CaaS™ all-in-one series of IP cameras combine the cameras with the ease and power of DW Spectrum® IPVMS and onboard storage up to 1TB. DW Spectrum IPVMS server is pre-installed and licensed. No additional server hardware is required.

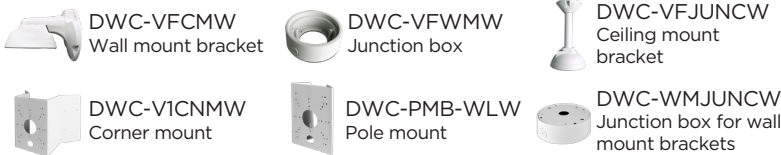
The 4MP ultra low-profile vandal dome housing is an IP66-rated, IK-10 impact-resistant camera, ideal for discrete applications. Combine the CaaS™ solution with the Blackjack® NAS device for long-term storage needs.

## Features

- All-in-one cameras, no server required
- 4MP 1/3" image sensor at real-time 30fps
- 6.0mm fixed lens
- Built-in 512GB and 1TB storage options for up to 60 days of retained video\*
- Easily to deploy with pre-loaded DW Spectrum IPVMS for out-of-the-box operation
- 24/7 access to live and recorded video feed
- Automatic installation and licensing with first power on
- Connect up to 30 MEGApix CaaS edge cameras
- True Wide Dynamic Range (WDR)
- Dual recording option with Blackjack NAS appliance
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 50' Smart IR™ with intelligent camera sync
- Ultra low-profile outdoor vandal dome
- 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
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- UL listed
- ONVIF conformant, profile S
- NDAA compliant
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

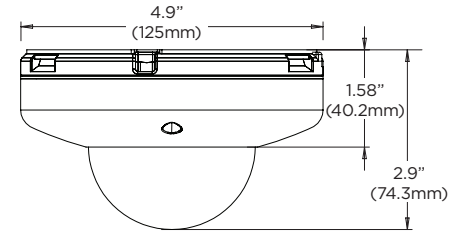


## Accessories (Optional)



## Dimensions

unit: inch (mm)



## Specifications



<b>IMAGE</b>	
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 Resolution	Local video output CVBS 1.0V p-p (75Ω) 4:3 aspect ratio 4MP (2560 x 1440)
<b>LENS</b>	
Focal length	6.0mm F2.0
Lens type	Fixed lens
Field of view (FoV)	51°
IR distance	50ft range
<b>OPERATIONAL</b>	
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 (WDR) Off, WDR2x, WDR3X
Wide dynamic range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server or SD card recording
<b>NETWORK</b>	
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 s (ID/PW)
Maximum user access	5 users
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
Number of DW Spectrum® IPVMS licenses included	1 DW Spectrum® license
Local server recording	DWC-MF4Wi6WC1T: 1TB local memory for recording DWC-MF4Wi6WC5: 512GB local memory for recording
Max. number of CaaS™ cameras in the same network/system	Up to 30 MEGApix® CaaS™ cameras in the same network/system
<b>ENVIRONMENTAL</b>	
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 listed
<b>ELECTRICAL</b>	
Power requirement	DC12V, PoE (IEEE 802.3af class 3). Adaptor not included.
Power consumption	DC12V: Max 5.6W PoE: Max 7.4W
<b>MECHANICAL</b>	
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 year warranty

NOTE:  
1. External ONVIF devices cannot be added  
2. IVA/IVA+ is not available on this model  
3. Plugs from external devices cannot be added



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