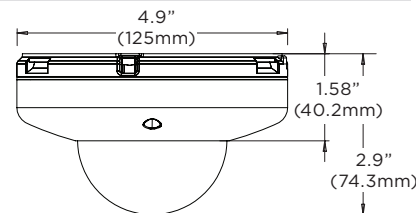




## Dimensions

unit: mm (inch)



## Summary

CaaS™ cameras are an all-in-one VIDEO SURVEILLANCE SYSTEM!  
**No server hardware is required.**

MEGApix® CaaS™ series IP cameras combine the cameras with the ease and power of DW Spectrum® IPVMS and on-board storage.

DW Spectrum® IPVMS server is installed and licensed.

## Features

- 4MP 1/3" image sensor at real-time 30fps
- 6.0mm fixed lens
- DW Spectrum® IPVMS camera as a server
- Easily deploy with pre-loaded video management system (VMS) software on camera for out-of-the-box operation
- Automatic installation and licensing with first power on - Simply mount camera, connect and see your video
- Saves time and money with **no server hardware required**
- Connect up to 30 CaaS™ cameras simultaneously in a single system
- 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
- Built-in 64GB or 128GB memory options
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty



## Accessories (Optional)



DWC-VFZW  
Wall mount bracket.



DWC-VFZJUNC  
Junction box.



DWC-VFZCM  
Ceiling mount bracket.

## 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
Resolution	4MP (2560 x 1440)
LENS	
Focal length	6.0mm F2.0
Lens type	Fixed lens
Field of view (FoV)	51°
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™	0-11
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
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(SSL), 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-MF4Wi6C6: 64GB local memory for recording DWC-MF4Wi6C1: 128GB 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
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66 certified
IK rating	IK10 rated impact resistant
Other certifications	CE, FCC, RoHS, UL listed
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)

