



DWC-MF4Wi6C6  
DWC-MF4Wi6C1

**4** Megapixel **DW** spectrum Camera as a Server No Server Required **12x** Up to 12 Cameras 6.0mm Fixed Lens **5** YEAR Warranty

## Summary

The Digital Watchdog® MEGApix® CaaS™ series combines the power and quality of DW™ MEGApix® Camera Series with the ease and simplicity of DW Spectrum®. This solution includes a MEGApix® IP camera, the DW Spectrum® IPVMS software and license, and an onboard SD card. No server hardware is required, making MEGApix® CaaS™ an easy and cost effective way to deploy high-definition IP video systems. Video is stored on the included internal micro SD card for lower network traffic and higher reliability. Combine the CaaS™ solution with the DW® Blackjack® NAS device for longer term storage needs.

## 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 12 CaaS™ cameras simultaneously in a single system
- Wide dynamic range (WDR)
- Dual recording option with NAS accessory
- 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 memory for local recording (DWC-MF4Wi6C6)
- Built-in 128GB memory for local recording (DWC-MF4Wi6C1)
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 rated weather and tamper resistant
- IK10-rated impact-resistant
- 5 year warranty

## Accessories (Optional)



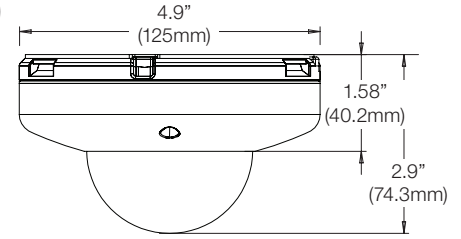
DWC-VFZWM  
Wall mount for surface mount outdoor domes and fisheye camera models.

DWC-VFZJUNC  
Junction box for surface mount outdoor domes and fisheye camera models.

DWC-VFZCM  
Ceiling mount for surface mount outdoor domes and fisheye camera models.

## Dimensions

unit : mm (inch)



## Specifications



IMAGE	
Image sensor	4MP 1/3" CMOS
Total pixels	2688(H) x 1520(V)
Minimum scene illumination	F2.0 (30IRE): 0.41 Lux (color) F2.0 (30IRE): 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 IR
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 (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(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 12 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 weather and tamper resistant
IK rating	IK10 rated impact resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE (IEEE 802.3af class 3). Adaptor 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)