MEGAPIX CaaS — Camera as a System

ALL in 1 — Camera as a System

6.0mm FIXED LENS

DW spectrum inside

4MP Resolution	DW spectrum All-in-one cameras	No Server Required	256GB 128GB 64GB Storage	30x 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 on-board storage. 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 DW® 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 256/128/64GB storage options for up to 30 days 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
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

ONVIF
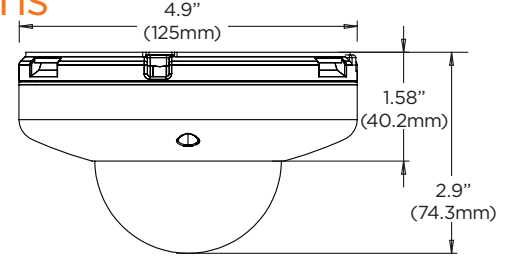
Accessories (Optional)

DWC-VFZWM Wall mount bracket

DWC-VFZJUNC Junction box

DWC-VFZCM Ceiling mount bracket

Dimensions
unit: inch (mm)

4.9" (125mm)

1.58" (40.2mm)

2.9" (74.3mm)

Specifications

Designed and engineered in U.S.A and Korea

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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™ 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 (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-MF4Wi6C2: 256GB local memory for recording DWC-MF4Wi6C1: 128GB local memory for recording DWC-MF4Wi6C6: 64GB 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-rated
IK rating	IK10-rated impact-resistant
Other certifications	CE, FCC, RoHS, UL listed
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)
Warranty	5 year warranty

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

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DW DIGITAL WATCHDOG®