AUDIO VIDEO SUPPLY

MEGAPIX® CaaS™
Camera as a System

5MP vandal fisheye IP Edge camera
DWC-PVF5M1TIRC6 / DWC-PVF5M1TIRC1

DW spectrum inside

5 Megapixel | Camera as a System | No Server Required | 30x Up to 30 Cameras | Fisheye Lens | 5YEAR Warranty

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

- 5MP 1/1.8" image sensor at real-time 30fps
- 1.5mm fisheye lens
- Support 360° hemispheric fisheye view and 360°, 180° and 90° panoramic views
- Edge-to-edge image clarity
- 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
- Dual recording option with Blackjack® NAS appliance
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 55' Smart IR™ with intelligent camera sync
- Outdoor vandal fisheye dome
- 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
- 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
- 5 year warranty

ONVIF

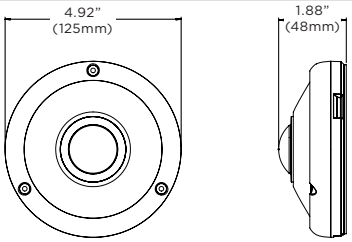
Accessories (Optional)

DWC-VFZWM
Wall mount bracket

DWC-VFZJUNC
Junction box

DWC-VFZCM
Ceiling mount bracket

Dimensions
unit: Inch (mm)



Specifications

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Designed and engineered in U.S.A and Korea

IMAGE	
Image sensor	5MP 1/1.8" CMOS sensor
Total pixels	3096(H) X 2080(V)
Minimum scene illumination	0.39 lux (color) 0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω)], 4:3 aspect ratio
Resolution	5MP (2592x1944)
LENS	
Focal length	1.55mm, F2.5
Lens type	Fisheye lens
Field of view (FoV)	360°
IR distance	55ft 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
Privacy zone	4 Programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server or SD card recording
NETWORK	
LAN	10/100 Based-T, RJ-45 connector
Video compression type	H.264, MJPEG
Resolution	2592 X 1944 @ 30fps, 640X480 @ 30fps ,320X240 @ 30fps
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-PVF5M1TIRC6: 64GB Local Memory for Recording DWC-PVF5M1TIRC1: 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	Less than 90% (Non-condensing)
IP rating	IP66 certified
Other certifications	FCC, CE, ROHS, UL listed
Electrical	
Power requirement	DC12V, PoE (IEEE 802.3af Class 3). Adaptor not included.
Power consumption	LED On: 6.5W LED Off: 3.6W
MECHANICAL	
Material	Aluminum vandal fisheye housing, polycarbonate dome
Dimensions	4.9" x 1.88" (125 x 48mm)
Weight	1.1 lbs (0.5kg)

DW® Complete Surveillance Solutions™

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