



5MP Resolution **Fisheye Lens** **360°/180°** Panoramic View **D-WDR** **Smart IR™** **5YEAR** Warranty

Summary

5MP MEGApix® PANO 360° view indoor fisheye cameras with IR can monitor an entire area with a single camera, providing the ultimate ROI. The 1.55mm fisheye lens provides edge-to-edge image clarity. The 5MP sensor produces real-time 30fps panoramic images. The camera is optimized for use with DW Spectrum® IPVMS for easy dewarping to 360°, 180° and 90° views with the click of the mouse.

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 view
- Edge-to-edge image clarity
- Digital wide dynamic range (D-WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 360° 55' smart IR™ with intelligent camera sync.
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC class 10 card slot (card not included)
- Web server built-in
- ONVIF conformant, profile S
- PoE class 3 and DC12V
- 5 year warranty



Accessories (Optional)



DWC-V1CNM
Corner mount



DWC-VFZCM
Ceiling mount



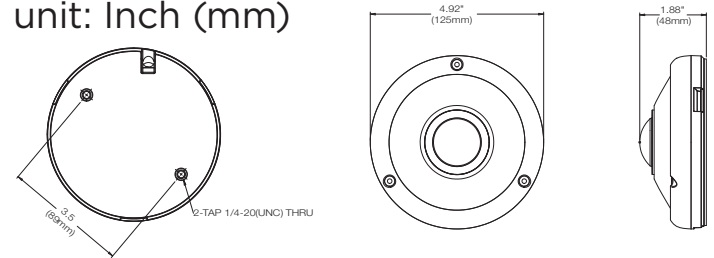
DWC-VFZJUNC
Junction box



DWC-VFZWMM
Wall mount

Dimensions

unit: Inch (mm)



Specifications

IMAGE	
Image sensor	1/1.8" CMOS
Total pixels	2592 (H) × 1944 (V)
Minimum scene illumination	0.2 lux (color) 0.2 lux (B&W)
Maximum resolution	5MP (2592 x 1944)
LENS	
Focal length	1.55mm
Lens type	Fisheye lens
Field of view (FoV)	360°
IR distance	32ft range
I/O	
Audio in / out	1/1
Alarm in / out	1/1
Audio compression	G.711
OPERATIONAL	
Shutter mode	Auto, manual
Shutter speed	1/30 - 1/12,000sec
Auto gain control	Max 51dB
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	Off, low, middle, high
Wide dynamic range (WDR)	D-WDR
White balance	Auto, manual
Mirror and flip	Yes
Backlight compensation (BLC)	On, off
Memory slot	Micro SD/SDHC class 10 card (card not included)
NETWORK	
LAN	IEEE 802.3at compliant, 10/100 base-T, RJ-45 connector
Video compression type	H.265 or H.264 or MJPEG
Resolution	2592 x 1944 / 2048 x 1536 / 1080p / 720p / 1024 x 576 / 640 x 360 / D1 / 4CIF / VGA / CIF / QVGA / QCIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	32Kbps - 10Mbps
Streaming capability	H.265 dual-stream or simultaneous H.265 / H.264 / MJPEG
IP	IPv4, IPv6
Protocol	TCP, UDP, IP, HTTP, DHCP, DNS, ICMP, ARP, DDNS, NTP, SNMP, Syslog, UPnP, Bonjour, ZeroConf RTP/RTSP, Onvif, Genetec Protocol
ONVIF conformance	Yes
Web viewer	OS: Windows® 7, Windows® 8, Windows® 10, Vista, XP, 2000 Browser: Internet Explorer® 8.0 or above
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	14°F - 122°F (-10°C - 50°C)
Operating humidity	Less than 80% (non-condensing)
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3at Class 3 (adapter not included)
Power consumption	12VDC: 6W (LED On) PoE: 7W
MECHANICAL	
Material	Aluminum vandal fisheye housing, polycarbonate dome
Dimensions	4.9" x 1.88" (125 x 48mm)
Weight	1.1 lbs (0.5kg)