



DWC-PF5M1TIR



Summary

The MEGApix® PANO™ Hemispheric 360° View fisheye Camera allows you to monitor an entire room with a single camera, providing the ultimate ROI. The ultra-wide 1.55mm fisheye lens produces up to 5MP real-time, wide panoramic or hemispheric images of any scene in any lighting environment. The camera is optimized to work with DW Spectrum™ IPVMS, offering the software's powerful de-warping and fisheye handling features. The MEGApix PANO Fisheye Camera is ONVIF Type S conformant, facilitating successful integration with any open platform solution on the market and comes with Digital Watchdog's unbeatable 5 year warranty.

Features

- 1/1.8" Sony® IMX178 sensor (ExmorR, STARVIS)
- 5MP 360° Hemispheric Fisheye Camera
- 360° Hemispheric Fisheye, 180° and 360° Panoramic View
- Multi Codecs (H.264, MJPEG, H.265) with Simultaneous Dual-Stream
- 1.5mm Fisheye Lens
- Edge-to-Edge Image Clarity
- Smart IR™ with Intelligent Camera Sync. 32ft Range
- ONVIF Conformant, Profile S
- Smart DNR™ 3D Digital Noise Reduction
- True Day/Night with Mechanical IR Cut Filter
- Web Server Built-in
- Auto Gain Control (AGC)
- Auto White Balance (AWB)
- Motion Detection
- Micro SD/SDHC Class 10 Card Slot [card not included]
- PoE and DC12V
- 5 Year Warranty

Accessories (Optional)


DWC-VFZCM
Ceiling Mount for Surface
Mount Outdoor Domes,
PTZ5X and Fisheye
Camera Models

DWC-VFZWM
Wall Mount for Surface
Mount Outdoor Domes,
PTZ5X and Fisheye
Camera Models

Dimensions (unit : mm [inch])

5 Year
Warranty


Specifications



IMAGE	
Image Sensor	1/1.8" Sony® IMX178 sensor (ExmorR, STARVIS)
Total Pixels	3096(H) x 2094(V)
Minimum Scene Illumination	F2.5 (30IRE): 0.2Lux [Color] F2.5 (30IRE): 0.2Lux [B&W]
Maximum Resolution	5MP
LENS	
Focal Length	1.55mm
Lens Type	Fisheye Lens
IR Distance	32ft
Horizontal Field of View (HFOV)	185°x185°x185°
OPERATIONAL	
Shutter Speed	1/30(25) ~ 1/12,000sec
Digital Noise Reduction (DNR)	Off, Low, Middle, High
Auto Gain Control	Max 51dB
Day and Night	Auto/ Day (Color)/ Night (B/W)
Sharpness	On, Off
Backlight Compensation (BLC)	On, Off
Local Storage	Micro SD/SDHC Class 10 Card (not included)
NETWORK	
LAN	IEEE 802.3at compliant, 10/100 Based-T, RJ-45 Connector
Video Compression Type	H.265 or H.264 or MJPEG
Resolution	Up to 2592 x 1944
Frame Rate	30FPS @ 2592x1944
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
Maximum User Access	10 Users
ONVIF Conformance	ONVIF Profile S
Web Viewer	Browser: IE 8.0 or above OS: Windows® 7, Windows® 8, Windows® 10, Vista, XP, 2000
Video Management Software	DW Spectrum™ IPVMS
ENVIRONMENTAL	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	Less than 80% (Non-Condensing)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	12V DC, PoE [IEEE802.3at, Class 3]
Power Consumption	12VDC: 6W (LED On) PoE: 7W
MECHANICAL	
Material	Aluminum Die-Casting
Dimensions	4.9 x 1.7 Inch (125 x 43.2mm)
Weight	1.1 lbs (0.5kg)

*Specifications subject to change without notice.