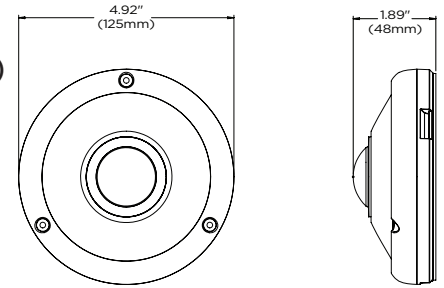




Dimensions

unit: Inch (mm)



Summary

MEGAPIX® Pano™ 9MP 360° view fisheye outdoor IP cameras with IR can monitor an entire area, providing ultimate ROI. The 2.1mm fisheye lens provides edge-to-edge image clarity producing 9MP panoramic images at real-time 30fps. Star-Light Plus™ color in near-total darkness technology ensures quality video in any lighting condition. The camera also offers simultaneous H.265/H.264/MJPEG codec support in an IP66 vandal-resistant, discrete housing. The camera is optimized to work with the DW Spectrum™ IPVMS instant dewarping feature.

Features

- 9MP 1/1.7 image Sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.1mm fisheye lens
- Support 360° hemispheric fisheye view and 360°, 180° and 90° panoramic view
- Edge-to-edge image clarity
- Multi codecs (H.264, H.265, MJPEG) with simultaneous dual-stream
- 360° 80° Smart IR™ with intelligent camera sync.
- Two-way audio
- 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
- PoE class 3 and DC12V
- IP66 environmental-rated dust-tight and water-resistant
- IK 9-rated impact-resistant
- 5 year warranty



Accessories (Optional)



Specifications

IMAGE	
Image sensor	12.4MP 1/1.7" CMOS
Total pixels	4000 (H) X 3000 (V)
Active pixels	3008 (H) X 3000 (V)
Minimum scene illumination	0.3 lux (color) 0 lux (B/W)
S/N ratio	50dB
Maximum resolution	9MP (3008 x 3000)
LENS	
Focal length	2.1mm, F2.2
Lens type	Fisheye lens
Field of view (FoV)	185°
IR distance	80ft range
I/O	
Audio in/out	1 [1.0Vms, 3K ohm]/1
Audio compression	G.711
Alarm in/out	1/1
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15-1/32000
Slow Shutter	off, x2, x3, x5, x6, x7.5, x10
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	3D-DNR
White balance	Yes
Mirror and flip	Yes
Backlight compensation (BLC)	Yes
Privacy zones	16 programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server, alarm output activation or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not Included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265: 3008x3000, 2800x2800, 2048x2048, 1600x1600, 640x640, 320x320
	H.264: 3008x3000, 2800x2800, 2048x2048, 1600x1600, 640x640, 320x320
	MJPEG: 1280x1280, 640x640, 320x320
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.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (SSL), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	Less than 90% (non-condensing)
IP rating	IP66-rated weather and tamper-resistant
IK rating	IK9 impact-resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not included)
Power consumption	DC12V: max 8.5W PoE: max 10W
MECHANICAL	
Material	Aluminum vandal fisheye housing
Dimensions	4.9" x 1.88" (125 x 48mm)
Weight	1.1 lbs (0.5kg)
Warranty	5 years warranty