STAR-LIGHT PLUS™
Color in Darkness Technology

1.5mm FISHEYE LENS

DW

H.265
H.264/MJPEG

30fps

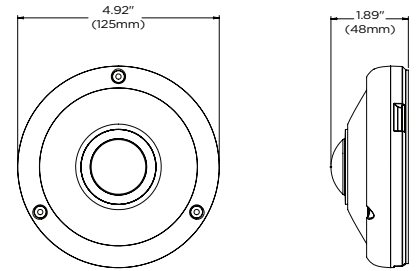|						
5MP	Star-Light Plus™	360° 180°	1.5mm Fisheye Lens	H.265 H.264/MJPEG	**5**YEAR	
Resolution	Star-Light Plus™	Panoramic View	1.5mm Fisheye Lens	Triple Codecs	Warranty	

Dimensions
unit: Inch (mm)

4.92" (125mm)   1.89" (48mm)

Summary

MEGApix® Pano™ 5MP 360° view fisheye outdoor IP cameras with IR can monitor an entire area, providing ultimate ROI. The 1.55mm fisheye lens provides edge-to-edge image clarity producing 5MP 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

- 5MP 1/1.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 1.5mm 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

ONVIF

Accessories (Optional)

DWC-V1CNMW
Corner mount

DWC-VFCMW
Ceiling mount bracket

DWC-VFJUNCW
Junction box

DWC-VFWMW
Wall mount bracket

Specifications

IMAGE	
Image sensor	6.4MP 1/1.8" CMOS
Total pixels	3096 (H) X 2080 (V)
Active pixels	2592 (H) x 1944 (V)
Minimum scene illumination	0.39 lux (color) 0 lux (B/W)
S/N ratio	50dB
Maximum resolution	5MP (2592 x 1944)
LENS	
Focal length	1.55mm, F2.5
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
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15-1/32000
Slow Shutter	1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10
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 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: 2592x1944, 2048x1536, 1600x1200, 1280x1024, 800x600, 480x360, 320x240 H.264: 2592x1944, 2048x1536, 1600x1200, 1280x1024, 800x600, 480x360, 320x240 MJPEG: 1280x1024, 800x600, 480x360, 320x240
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 7.5W PoE: max 8.7W
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

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