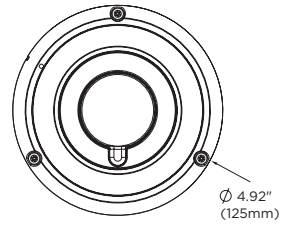
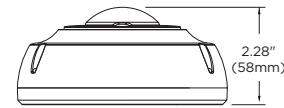




Dimensions

Unit: Inch (mm)



Summary

The 12MP MEGApix Ai CloudCam delivers complete 360° coverage with built-in AI that detects and tracks people and objects, ensuring important details are always captured—even in low light or high-contrast scenes. With up to 1TB onboard storage and DW Spectrum server and licensing preloaded, it eliminates the need for separate server hardware, simplifying deployment and reducing costs. The durable, weather- and vandal-resistant design provides dependable performance in any environment. Smart bandwidth management optimizes network load, while two-way audio and open-platform integration give you flexible, powerful monitoring in one compact, easy-to-deploy device.

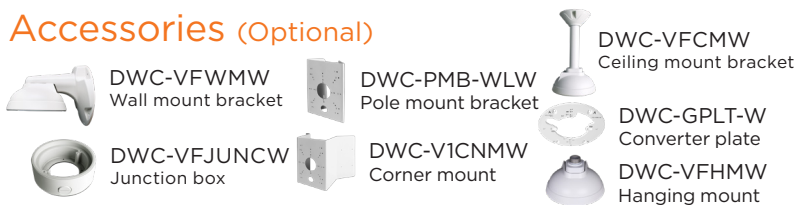
Features

- 12MP Star-Light Plus image sensor
- Star-Light Plus color in near-total darkness technology.
- Seamless integration and control with DW Spectrum
- Built-in 1TB storage options for up to 90 days of retained video
- Easily to deploy with pre-loaded DW Spectrum for out-of-the-box operation.
- 24/7 access to live and recorded video feed
- Automatic installation and licensing with first power on
- Support 360° hemispheric fisheye view and 360°, 180° and 90° panoramic view
- Edge-to-edge image clarity with no pixel loss
- 1.5mm fisheye lens with 360° hemispheric view
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 70° Smart IR with intelligent camera sync for clear B/W images with no need for external light
- Privacy zones cover sensitive areas in the camera's field of view.
- Two-way audio with a built-in microphone for direct communication between the monitoring station and the camera's location.
- Alarm sensor input and relay output for access control integration
- Web server built-in for easy camera management from any browser
- High-power PoE and DC12V for single cable simplified installation
- NDAA/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

Specifications

IMAGE	
Image sensor	1/2.3" 12.93MP Star-Light Plus™ sensor
Total pixels	4073(H) X 3176(V)
Active pixels	4000(H) X 3000(V)
Minimum scene illumination	0.52 lux (color) 0 lux (B/W)
S/N ratio	50dB
Test monitor video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	1.5mm, F2.2
Lens type	Fisheye Lens
Field of view (HFOV/VFOV)	HFOV: 185°/VFOV: 185°
IR distance	70ft range
I/O	
Audio input/output	1 microphone built-in/1 output
Audio compression	G.711 ulaw
Alarm input/output	1 input/1 output
Event trigger	Motion alarm, network loss, temperature anomaly, illegal login, schedule, sensor detection, tamper detection
INTELLIGENT VIDEO ANALYTICS	
AI-based video analytics	AI-based object and people detection, classification and tracking
Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules
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 and night	Auto, day (color), night (B/W)
3D Digital Noise Reduction	Smart DNR™ 3D-DNR
Wide Dynamic Range (WDR)	True WDR
Wide Dynamic Range (WDR) dB	120dB
White balance	Yes
Privacy zones	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Notifications via email, FTP, alarm output and SD card recording
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG H.265, H.264: 4000x3000, 3008x3000, 2800x2800, 1600x1600, 640x640, 320x320 MJPEG: 1440x1440, 1280x1280, 640x640, 320x320
Frame rate	Up to 30fps. NOTE: For 12MP resolution, max frame rate is 20fps.
Video bitrate	100Kbps - 25Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.264, H.265 (controllable frame rate and bandwidth)
Streaming capability	Triple Streaming (3rd stream MJPEG only)
IP	IPv4
Security	HTTPS (TLS), IP filtering, 802.1x, digest authentication
ONVIF conformance	Yes
Web viewer	OS: Windows OS, Mac OS, Linux OS Browser: Microsoft Edge, Google Chrome, Mozilla Firefox, Safari
Video management software	DW Spectrum
Number of CloudCam licenses included	1 DW Spectrum CloudCam license included
Local server recording	1TB local memory for recording
Max. number of CloudCam cameras in the same network/system	Up to 10 MEGApix Ai CloudCam cameras in the same network/system
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH, (non-condensing)
IK rating	IK10 impact-resistant
IP rating	IP67-rated
Other certifications	CE, FCC, UL, NDAA, TAA
ELECTRICAL	
Power requirement	DC12V, PoE, adapter not included
Power consumption	12V DC: 10.2W, 850mA PoE: 11.5W, 239mA
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate lens cover
Dimensions	4.92" x 2.28" (125 x 58mm)
Weight	1.21 lbs (0.55 kg)
Warranty	5 year warranty

Accessories (Optional)



Built for Users.™

