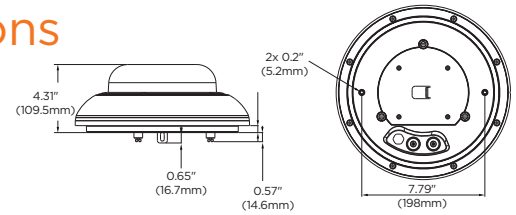




Dimensions

Unit: Inch (mm)



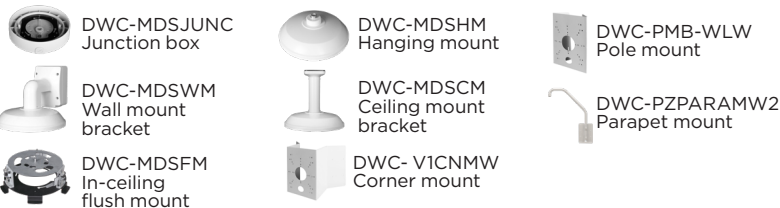
Summary

This NDAA/TAA-compliant MEGApix Ai Flex, multi-sensor IP camera delivers 20MP views with built-in Ai that detects, classifies and tracks people and objects. The camera's sensors can be placed in any order along a magnetic track, reducing total system cost with four video streams in a single housing (mounting accessory sold separately).

Features

- 4x 5.69MP 1/2.8" image sensor at real-time 30fps
- Star-Light Plus color in near-total darkness technology.
- AI-based object and people detection, classification and tracking.
- Create up to 40 separate detection zones.
- Easy setup with no manual calibration
- Seamless integration and control with DW Spectrum.
- Reduce false alarms with multiple detection zones and logical rules.
- Increase your recording storage with smart recording and no false alarms.
- 20MP, 4x sensor 360° and 180° panoramic view IP camera
- Four cameras in one installation
- Flexible sensor positioning with magnets
- 4x Vari-focal p-iris lens with motorized zoom and auto-focus for complete remote lens control and a focused image any time.
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- Smart DNR 3D digital noise reduction minimizes noise and ghosting in motion, particularly in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Two-way audio for direct communication between the monitoring station and the camera's location.
- 4 local micro SD card slots for local recording in case of network loss.
- Alarm sensor input and relay output for access control integration
- Web server built-in for easy camera management from any browser
- High-power PoE injector included 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

Mounting accessories (Required. Sold separately.)



Specifications

IMAGE	
Image sensor	4x 1/2.8" 5.69MP Star-Light Plus™ sensor
Total pixels	4x 2704(H) X 2104(V)
Active pixels	4x 2592(H) X 1944(V)
Minimum scene illumination	0.1 lux (color) 0.0 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	4x 2.8-8.0mm, F1.6
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
Field of view (HFOV/ VFOV)	HFOV: 4x 51°-93° / VFOV: 39°-68°
IR distance	100ft range
Optical zoom / digital zoom	2.8x optical zoom
I/O	
Audio in/out, compression	1 line input (1.0Vrms, 3K ohm)/1 output, 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, 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
Memory slot	4x Micro SD/SDHC/SDXC class 10 cards (not included)
NETWORK	
LAN	RJ45 10/100/1000Base-T (1Gbps)
Video compression type	H.265, H.264, MJPEG
Resolution	4x H.265, H.264: 2592x1944, 2560x1440, 1920x1080, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 4x MJPEG: 1920x1080, 1280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240
Frame rate	Up to 30fps at all resolutions
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	4x Triple Streaming (3rd stream MJPEG only)
IP	IPv4
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 (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
ENVIRONMENTAL	
Operating temperature	-22°F - 122°F (-30°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+, High power PoE injector included
Power consumption	DC: Max 37.2W, 3.1A PoE: Max 41.8W, 870mA
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate lens cover
Dimensions	11.04" x 4.96" (280.5 x 126.2mm)
Weight	7.7 lbs (3.5 kg)
Warranty	5 year warranty



Built for Users.™

