



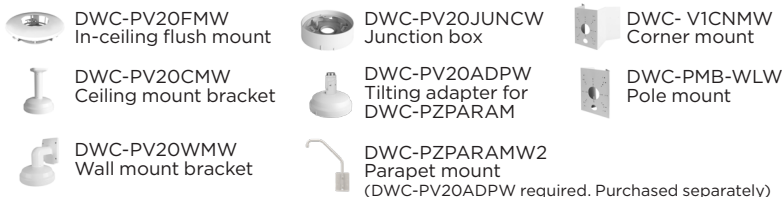
Summary

This NDAA-compliant MEGApix Flex IP camera is a 20MP multi-sensor configurable IP camera that reduces total system cost by providing four video streams with vari-focal lenses in one housing and installation. The IVA engine detects and classifies people and vehicles in real-time. The camera features Star-Light Plus color in near-total darkness technology.

Features

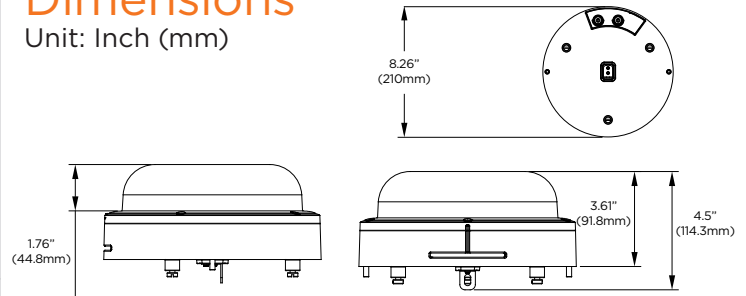
- 4x 5MP sensors (20MP) at real-time 30fps
- Star-Light Plus color in near-total darkness technology
- 4x vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and focused image any time
- 3-axis gimbal for wide range lens positioning
- 360° and 180° flexible panoramic view IP camera
- Four cameras in one installation
- Flexible sensor positioning on a magnetic base
- 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 reduces noise and ghosting for motion in low-light environments.
- Two-way audio for direct communication between the monitoring station and the camera's location
- Local SD card slot 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 and DC12V for single cable simplified installation (PoE injector included)
- 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.)



Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	4x 1/2.8" 5.14MP CMOS
Total pixels	4x 2592(H) x 1944(V)
Minimum scene illumination	0.05 lux (color)/ 0.1 lux (B/W)
Test video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
S/N ratio	50dB
Maximum resolution	20MP (4x 2592x1944)
LENS	
Focal length	4x 2.8 - 8.0mm, F1.6
Lens type	Vari-focal lens with motorized zoom and auto-focus
Field of view (HFoV/VFoV)	4x 51° - 93° HFoV/ 4x 39°-68° VFoV
I/O	
Audio in/out and compression	1 (1.0Vrms, 3K ohm) input/1 output, G.711
Alarm in/out	1 input/1 output
OPERATIONAL	
Intelligent Video Analytics	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.*
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)
3D digital noise reduction	Smart DNR 3D-DNR
Wide dynamic range (WDR)	True WDR, 120dB
White balance	Auto
Mirror and flip	Yes
Privacy zone	16 programmable privacy masks
Alarm notifications	Email notifications, FTP, alarm output, SD card recording
Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
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 - 10Mbps, multi-rate for preview and recording
Bitrate control	Multistreaming CBR/VBR at H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
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 (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
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH, (non-condensing)
IP/IK rating	IP67-rated / IK10 impact resistant
Other certifications	FCC, CE, ROHS, UL Listed, NDAA- and TAA-compliant
ELECTRICAL	
Power requirement	12V DC, PoE, high-power PoE injector included
Power consumption	DC12V: max 28W, PoE: max 31W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	8.26" x 3.61" Inch (210 x 91.8 mm)
Weight	4.18 lbs (1.9 kg)
Warranty	5 years warranty

