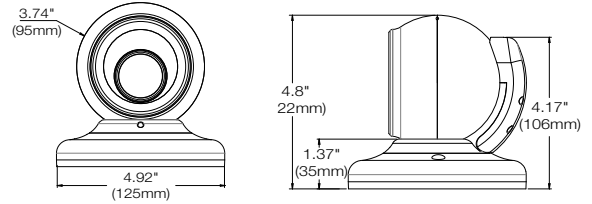




## Dimensions

Unit: Inch (mm)



## Summary

This NDAA-compliant MEGApix IVA IP camera provides real-time 30fps 5MP resolution and detects people and vehicles with advanced Video Content Analysis and detection capabilities. This camera features Star-Light Plus color in near-total darkness technology in a vandal turret housing that eliminates IR reflections and easy angle adjustment for optimal image quality.

## Features

- 5MP sensor at real-time 30fps
- Star-Light Plus color in near-total darkness technology
- 2.8mm fixed lens
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 100' Smart IR with intelligent camera sync for clear B/W images with no need for external light
- Smart DNR 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

## Specifications

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Total pixels	2592 (H) X 1944 (V)
Minimum scene illumination	0.13 lux (color), 0.0 lux (B/W)
LENS	
Focal length	2.8mm, F1.8
Lens type	Fixed lens
HFOV / VFOV	103° / 78°
IR distance	100ft range
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 and night	Auto, day (color), night (B/W)
3D Digital noise reduction	Smart DNR 3D-DNR
Wide Dynamic Range (WDR)	True WDR, 120dB
Privacy zone	16 programmable privacy masks
Backlight compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via e-mail and FTP server recording
NETWORK	
LAN	RJ45 (10/100Base-T)
Video Compression type	H.265, H.264, MJPEG
Resolution	H.265, H.264: 2592x1944, 2304x1296, 21MP/1080p, 720p, VGA, D1, CIF MJPEG: 21MP/1080p, 720p, 800x600, VGA, 768x432, D1, CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	H.265 / H.264: 32Kbps - 14Mbps MJPEG: 1Mbps - 40Mbps
Bitrate control	H.265 dual-stream or simultaneous H.265, H.264, MJPEG
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 (TLS), IP filtering, 8021x, digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows, Mac OS, Linux Browser: IE, Google Chrome, Mozilla Firefox, Safari NOTE: Chrome is recommended for IVA configuration
Video management software	DW Spectrum
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% (non-condensing)
IP/IK rating	IP67-rated/ IK10 impact-resistant
Other certifications	UL listed, CE, FCC, RoHS, NDAA
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class3. (Adapter not included)
Power consumption	DC12V: max 6.5W, PoE: max 7.8W
MECHANICAL	
Material	Aluminum vandal ball turret housing
Dimensions	4.92" x 4.8" (125 x 122 mm)
Weight	1.76 lbs (0.8 kg)
Warranty	5 year warranty

## Accessories (Optional)



DWC-PMB-WL-W  
Pole mount



DWC-VACM  
Ceiling mount  
bracket



DWC-VAWM  
Wall mount bracket



DWC-VICNMW  
Corner mount



DWC-VAJUNC  
Junction box



DWC-VFHMW  
Hanging mount



Built for Users.™

