MEGAPIX
IP Cameras

STAR-LIGHT PLUS™

H.265 H.264/MJPG **30fps**

NDAA COMPLIANT PRODUCT

Dimensions
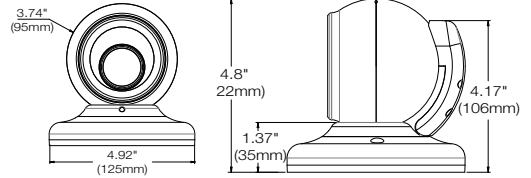Unit: Inch (mm)

3.74" (95mm)
4.8" 22mm)
4.17" (106mm)
1.37" (35mm)
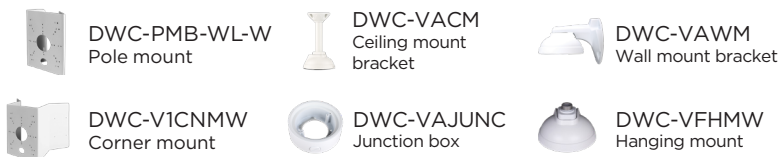4.92" (125mm)

Summary

These NDAA-compliant MEGApix® IVA™ IP cameras provide real-time 30fps 2.1MP/1080p resolution and detect people and vehicles in real-time. IVA+ license upgrade offers advanced Video Content Analysis detection capabilities. These cameras feature 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

- DWC-M(P)VA2Wi28T
- 2.1MP/1080P 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

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Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/2.8" CMOS
Total pixels	1945 (H) X 1109 (V)
Minimum scene illumination	0.05 lux (color)
	0.0 lux (B/W)
LENS	
Focal length	2.8mm, F2.0
Lens type	Fixed lens
HFOV / VFOV	110° / 59°
IR distance	100ft range
OPERATIONAL	
Intelligent Video Analytics	IVA: intrusion, line crossing, counting line, loitering, enter, exit, tamper (DWC-MVA2Wi28T)
	IVA+: object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules (DWC-MPVA2Wi28T)
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
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: 2.1MP/1080p, 720p, VGA, D1, CIF H.264: 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 1280x720, 800x600, VGA, 768x432, D1, CIF
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.264, 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 (TLS), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux®
	Browser: IE®, Google Chrome®, Mozilla Firefox®, Safari® NOTE: Chrome browser is recommended for IVA configuration
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10-90% (non-condensing)
IP and IK rating	IP67-rated , IK10 impact-resistant
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included)
Power consumption	DC12V: max 5.7W PoE: max 7.2W
MECHANICAL	
Material	Aluminum vandal ball turret housing
Dimensions	4.92" x 4.8" (125 x 122 mm)
Weight	1.76lbs (0.8kg)
Warranty	5 years warranty

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Accessories (Optional)

- **DWC-PMB-WL-W** Pole mount
- **DWC-VACM** Ceiling mount bracket
- **DWC-VAWM** Wall mount bracket
- **DWC-V1CNMW** Corner mount
- **DWC-VAJUNC** Junction box
- **DWC-VFHMW** Hanging mount

Built for Users.™

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