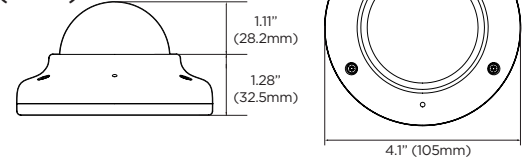


Dimensions

Unit: Inch (mm)



Summary

This NDA-compliant MEGAPIX® IP camera provides 2.1MP/1080p resolution at real-time 30fps and the convenience of audio input through built-in microphone. This camera includes a 2.8 fixed lens and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting conditions, all in an IP67-rated, IK-10 impact resistant ultra low-profile vandal dome housing.

Features

- 2.1MP/1080P sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.8mm fixed lens
- Ultra low-profile vandal dome camera for discrete installation
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 80' 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.
- Two-way audio with built-in microphone for direct communication between the monitoring station and the camera's location
- Local SD card slot for local recording in case of network loss
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

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	111° / 62°
IR distance	80ft range
I/O	
Audio in / out, compression	1 (microphone built-in) / 0 outputs, G.711 NOTE: The camera should be installed approximately 3-6ft (1-2 meters) from a person speaking in a normal tone (50-60 dB).
OPERATIONAL	
Intelligent Video Analytics	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.* NOTE: object removed, tailgating, direction, stopped, appear, disappear, object left, and logical rules are available via IVA+ plugin update. For existing cameras, contact your DW sales representative for a complimentary update.
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 zones	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	E-mail notifications, FTP and SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265, 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 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 and IK rating	IP67-rated, IK10 impact resistant
Other certifications	UL listed, CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE IEEE 802.3af Class2. (Adapter not included)
Power consumption	DC12V: max 3.7W, PoE: max 5.5W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.13" x 2.4" (105 x 61mm)
Weight	0.79 lbs (0.36kg)
Warranty	5 year warranty

Accessories (optional)



DWC-V7CMW
Ceiling mount
bracket



DWC-V7JUNCW
Junction box



DWC-V7WMW
Wall mount
bracket



DWC-V7DECO
5x decorative rings



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