

Summary

This MEGAPIX® IP camera provides 2.1MP/1080p resolution at real-time 30fps. It includes a 2.8mm fixed lens and simultaneous H.265/H.264/MJPEG codec support. The IP66-rated, IK-10 impact-resistant ultra low-profile vandal dome camera brings the capabilities of a robust camera in a small and discrete housing. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 2.1MP/1080p 1/2.9" image sensor at real-time 30fps
- 2.8mm fixed lens
- Digital Wide Dynamic Range (D-WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 80' Smart IR™ with intelligent camera sync
- Ultra low-profile vandal dome camera housing
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Web server built-in
- PoE class 2 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty



Accessories (Optional)



DWC-V7WM
Wall mount
bracket



DWC-V7JUNC
Junction box



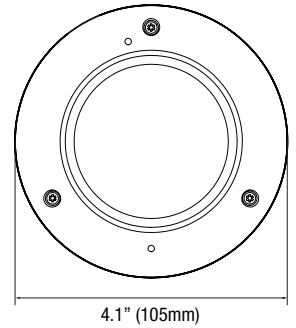
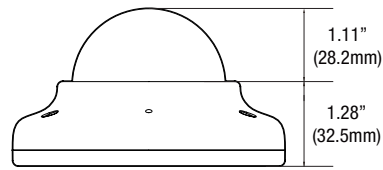
DWC-V7DECO
5x decorative
rings



DWC-V7CM
Ceiling mount
bracket

Dimensions

unit: Inch (mm)



Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/2.9" CMOS
Total pixels	2001(H) X 1121(V)
Minimum scene illumination	0.25 lux (color) 0.0 lux (B/W)
LENS	
Focal length	2.8mm, F2.0
Lens type	Fixed lens
Field of view (FoV)	109°
IR distance	80ft range
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15 - 1/32000
Slow shutter	2X, 3X, 5X, 6X, 7.5X, 10X
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	3D-DNR
Wide Dynamic Range (WDR)	D-WDR
Privacy zone	16 programmable privacy masks
Backlight Compensation (BLC)	Yes
Mirror & 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(main), CIF(sub) H.264: 2.1MP/1080p, 720p(main), CIF(sub) MJPEG: 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(SSL), 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® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% (non-condensing)
IK Rating	IK10 impact resistant
IP Rating	IP66 certified weather and tamper-resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 2. Adapter not included)
Power consumption	DC12V: max 3.7W PoE: max 5.4W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.13" x 2.4" (105 x 61mm)
Weight	0.88lbs (0.4kg)
Warranty	5 year warranty