

4.0mm  
FIXED  
LENS



H.265  
H.264/MJPEG  
30fps  
NDA/TAA  
COMPLIANT PRODUCTS

2.1MP

Resolution



4.0mm  
Fixed Lens



Triple Codecs



Smart IR™



IP67 Rated

5YEAR

Warranty

## Summary

This MEGAPIX® IP camera is NDA/TAA compliant and provides 2.1MP/1080p resolution at real-time 30fps. It includes a 4.0mm fixed lens and simultaneous H.265/H.264/MJPEG codec support. The IP67-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
- 4.0mm fixed lens
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- Digital Wide Dynamic Range (D-WDR)
- 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
- UL listed
- ONVIF conformant, profile S
- NDA/TAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty



## Accessories (Optional)



DWC-V7MMW  
Wall mount  
bracket



DWC-V7JUNCW  
Junction box



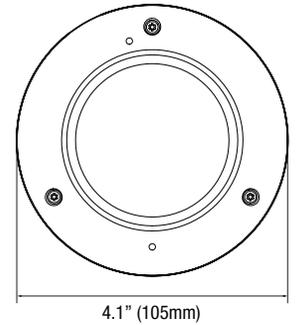
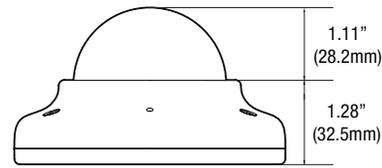
DWC-V7DECO  
5x decorative  
rings



DWC-V7CMW  
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	0.16 lux (color)
	0.0 lux (B/W)
LENS	
Focal length	4.0mm, F2.0
Lens type	Fixed lens
Field of view (FoV)	84°
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 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 (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	IP67-rated
Other certifications	UL listed, 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	4.1" x 2.4" (105 x 60.7mm)
Weight	0.79lbs (0.36kg)
Warranty	5 year warranty