



**2.1**

Megapixel



WDR



2.8mm Fixed Lens



Smart IR™



IP66 Rated

**5**

Year  
Warranty

## Summary

This MEGApix® IP camera provides 1080p, 2.1 megapixel resolution at real-time 30fps. It includes a 2.8mm fixed lens with image enhancement features such as 120db True WDR, Smart IR™ and Smart DNR™, all in an IP66, IK10-rated vandal-resistant housing. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 2.1MP 1/2.7" Image Sensor at Real-time 30fps
- 2.8mm Fixed Lens
- True Wide Dynamic Range (WDR)
- Dual Codecs (H.264, MJPEG) with Simultaneous Streaming
- 50' Smart IR™ with Intelligent Camera Sync
- 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
- Micro SD/SDHC/SDXC Class 10 Card Slot for Event and Continuous Recording(Card Not Included)
- Web Server Built-in
- PoE Class 2 / DC12V
- ONVIF Conformant, Profile S
- IP66 Certified Weather and Tampering Resistant
- IK10-Rated Impact-Resistant
- 5 Year Warranty

## Accessories (Optional)



DWC-V7WM  
Wall Mount for V7  
Outdoor Dome Cameras



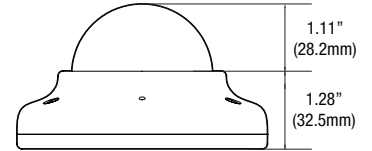
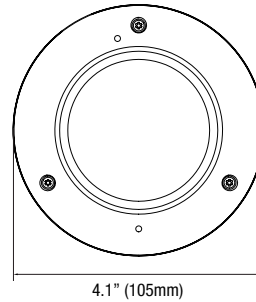
DWC-V7JUNC  
Junction Box for V7  
Outdoor Dome Cameras



DWC-V7CM  
Ceiling Mount for V7  
Outdoor Dome Cameras

## Dimensions

unit : Inch (mm)



## Specifications

<b>IMAGE</b>	
Image Sensor	2.1MP 1/2.7" CMOS
Effective Pixels	1928(H) x 1088(V)
Minimum Scene Illumination	F2.0 (30IRE): 0.25 Lux (Color) F2.0 (30IRE): 0.0 Lux (B&W)
<b>LENS</b>	
Focal Length	2.8mm, F2.0
Lens Type	Fixed Lens
IR Distance	50ft Range IR
Angle of View	118°
<b>OPERATIONAL</b>	
Shutter Mode	Auto, Manual, Anti-Flickering
Shutter Speed	1/15-1/32000
Slow Shutter	Off, 2x, 3x, 5x, 6x, 7.5x, 10x
Smart DNR™ 3D Digital Noise Reduction	0-11
Auto Gain Control	Auto
Wide Dynamic Range (WDR)	Off, 2x
Wide Dynamic Range dB	120dB
Day and Night	Auto, Day (Color), Night (B/W)
Privacy Zones	16 Programmable Privacy Zones
Alarm Notifications	Notifications Via E-mail, SD Card or FTP Server
Memory Slot	Micro SD / SDHC / SDXC. Card not Included
<b>NETWORK</b>	
LAN	802.3 Compliance 10/100 LAN
Video Compression Type	H.264, MJPEG
Resolution	1920x1080 ~ 480p(30fps)
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 (Controllable frame rate and Bandwidth)
Streaming Capability	Dual-Stream at Different Rates and Resolutions
IP	IPv4
Protocol	ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	Password authentication, Multi-level user configuration HTTPS(SSL), IP filtering, 802.1x, Digest Authentication(ID/PW)
Maximum User Access	10 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows®, MAC® OS, Linux® Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	DW Spectrum® IPVMS
<b>ENVIRONMENTAL</b>	
Operating Temperature	-4°F~-122°F (-20°C~-50°C)
Operating Humidity	Less than 90% (Non-Condensing)
IP Rating	IP66 Certified Weather and Tampering Resistant
IK Rating	IK10 Impact Resistant
Other Certifications	CE, FCC, RoHS
<b>ELECTRICAL</b>	
Power Requirement	(Adaptor not included) DC 12V, POE IEEE 802.3af Class2
Power Consumption	PoE: Max. 5.4W DC 12V: 3.8W
<b>MECHANICAL</b>	
Material	Aluminum Die-casting
Dimensions	4.13 x 2.38 in (105 x 60.7mm)
Weight	0.95lbs (350g)