MEGApix® IP Cameras

A1 SECURITY CAMERAS
The First Name in Security

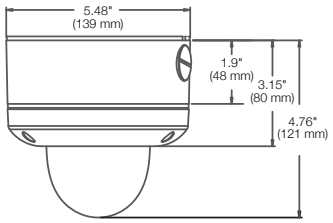
Indoor/Outdoor Dome IP Camera
DWC-MV421TIR / DWC-MV421TIRB

-40° Cold Start™

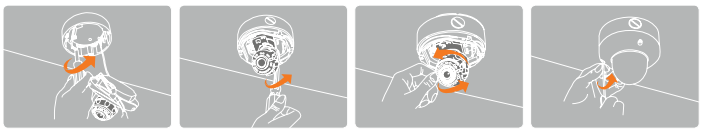
Snapit™

2.1 Megapixel | WDR | 2.8–12mm Auto Focus Lens | Smart DNR™ | IP68 Rated | **5 YEAR** Warranty

Dimensions
unit : Inch (mm)



Snapit Easy Installation 1 2 3 4



1 Built-in Junction Box Installation | 2 Snap It | 3 Adjustment | 4 Cover

Summary

MEGApix® IP cameras provide real-time 2.1MP, 1080p resolution at up to 30fps. The Snapit™ housing is easy to install and features CleanView™ dome treatment and Cold Start at -40° F/-40° C. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

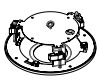
Features

- 2.1 Megapixel Image Sensor (1080p, 30fps)
- Wide Dynamic Range (WDR)
- Dual Codecs (H.264, MJPEG) with Simultaneous Streaming
- 2.8~12mm Auto Focus P-Iris Lens
- CleanView™ Hydrophobic Dome Coating Repels Water, Dust and Grease
- Snapit™ Easy Installation Housing
- Smart IR™ with Intelligent Camera Sync. 100ft Range
- Cold Start -40°F (-40°C)
- Smart DNR™ 3D Digital Noise Reduction
- True Day/Night with Mechanical IR Cut Filter
- Auto Gain Control (AGC)
- Auto White Balance (AWB)
- Programmable Privacy Zones
- Motion Detection
- Micro SD/SDHC Class 10 Card Slot for Event and Continuous Recording (Card Not Included)
- Junction Box Built-in
- Alarm Sensor Input
- Relay Output
- Web Server Built-in
- Black Housing Models Available
- PoE and DC12V
- OnVIF Conformant, Profile S
- IP68 Certified (Water Resistant)

Accessories (Optional)

DWC-V4CM/ DWC-V4CMB
Pendant Mount Bracket

DWC-V4WM/ DWC-V4CWB
Wall Mount Bracket



DWC-FMMPSNAP
Flush Mount

DWC-V4SSLD
Sunshield Cover

Specifications

IMAGE	
Image Sensor	1/2.7" 2.1MP CMOS
Total Pixels	1928(H) X 1088(V)
Minimum Scene Illumination	F1.4 (30IRE): 0.12 Lux [Color]
	F1.4 (30IRE): 0.0 Lux [B&W]
LENS	
Focal Length	2.8-12mm
Lens Type	P-Iris Auto Focus
Field of View (FoV)	106° ~ 32°
IR Distance	100ft Range
Optical Zoom	x4.2
AUDIO	
Audio In/ Out	1/1
Audio Compression	G.711
OPERATIONAL	
Shutter Mode	Auto, Manual, Anti-Flicker
Shutter Speed	1/15~1/32000
Auto Gain Control	Auto
Day and Night	Auto, Day (Color), Night (B/W)
Smart DNR™ 3D Digital Noise Reduction	0~11
Wide Dynamic Range (WDR)	On, Off
Privacy Zone	4 Programmable Privacy Masks
Alarm Notifications	Notifications Via E-mail, FTP Server or SD Card Recording
NETWORK	
LAN	802.3 Compliance 10/100 LAN
Video Compression Type	H.264, MJPEG
Resolution	H.264: 1920x1080 ~ CIF MJPEG: 1280x720 ~ CIF
Frame Rate	Up to 30fps at All Resolutions
Streaming Capability	Dual-Stream at Different Rates and Resolutions
IP	IPv4
Protocol	ONVIF, TCP/IP, UDP, RTP/RTSP(TCP/UDP), NTP, HTTP, DNS, DDNS, DHCP, FTP, SMTP, ICMP
Security	Password authentication, Multi-level user configuration
Maximum User Access	5 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows®, Mac® OS, Linux®
	Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video Management Software	DW Spectrum™ IPVMS
Memory Slot	Micro SD / SDHC / SDXC up to 128GB, Card not Included
ENVIRONMENTAL	
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Operating Humidity	Less than 90% (Non-Condensing)
IP Rating	IP68 (Water Resistant)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	DC 12V, PoE (IEEE802.3af Class 3)
Power Consumption	AF Working MAX 7.5W, 625mA LED Off : 2.5W, 208mA LED On : 4.2W, 350mA
MECHANICAL	
Material	Aluminum Housing, Polycarbonate Dome
Dimensions	Ø5.47 x 4.8 Inch (Ø139 x 121.8 mm)
Weight	2.75 lbs (1.25kg)

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DW DIGITAL WATCHDOG®
Complete Surveillance Solutions

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