MEGApix® IP Cameras

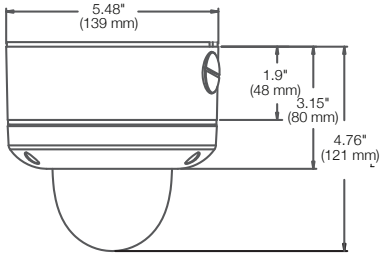
1080p Snapit™ Indoor/Outdoor Dome IP Camera
DWC-MV421D/ DWC-MV42DB

-40° Cold Start™

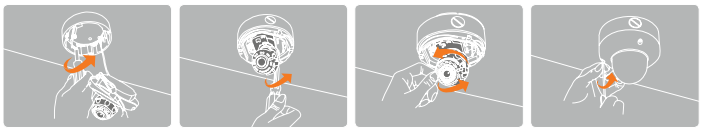
Snapit™

2.1 Megapixel | WDR | 2.8–12mm Auto Focus Lens | Smart DNR™ | IP68 Rated | **5YEAR** 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 Remote Auto Focus P-Iris Lens
- CleanView™ Hydrophobic Dome Coating Repels Water, Dust and Grease
- Snapit™ Easy Installation Housing
- Cold Start -40°F (-40°C)
- Smart DNR™ 3D Digital Noise Reduction
- 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]
LENS	
Focal Length	2.8-12mm
Lens Type	P-Iris Auto Focus
Field of View (FoV)	106° ~ 32°
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 (Protects against dust and immersion beyond 3ft.)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	DC 12V, PoE (IEEE802.3af Class 3)
Power Consumption	Auto Focus Working MAX 7.5W, 625mA
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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