2.1MP/1080p Snapit™ Outdoor Vandal Dome IP Camera
DWC-MV421TIR / DWC-MV421TIRB

MEGApix® IP Cameras

-40° Cold Start™

Snapit™

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

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 -40º F/-40º C.

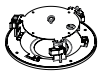
Features

- 2.1MP/1080p 1/2.7" image sensor at real-time 30fps
- 2.8-12mm motorized zoom auto-focus p-iris lens
- True Wide Dynamic Range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous streaming
- Cold Start -40°F (-40°C)
- 100' Smart IR™ with intelligent camera sync.
- CleanView™ hydrophobic dome coating repels water, dust and grease
- Snapit™ easy installation housing
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Junction box built-in
- Alarm sensor input
- Relay output
- Web server built-in
- PoE Class 3 and DC12V
- ONVIF conformant, profile S
- IP68 dust-tight and water-proof
- IK 10-rated impact-resistant
- 5 year warranty

Accessories (Optional)

DWC-V4CM/ DWC-V4CMB
Ceiling mount bracket

DWC-V4WM/ DWC-V4CWB
Wall mount bracket

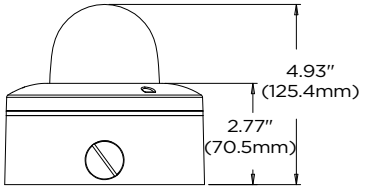


DWC-FMMPSNAP
Flush mount

DWC-V4SSLD
Sunshield cover

Dimensions

unit : Inch (mm)



Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/2.7" CMOS
Total pixels	1928 (H) x 1088 (V)
Minimum scene illumination	0.12 lux (color) 0.0 Lux (B&W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	2.8-12mm, F1.4
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	106° ~ 32°
IR distance	100ft range
Optical zoom / digital zoom	x4.2 optical zoom
I/O	
Audio in/out	1/1
Audio compression	G.711
Alarm in/out	1/1
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/30 ~ 1/8000
Slow shutter	1-1/5,1/7.5, 1/15
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
Wide Dynamic Range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Backlight compensation (BLC)	On / off / HSBLC
Mirror & flip	Yes
Alarm notifications	Notifications via e-mail, FTP server or SD card recording
Memory slot	Micro SD / SDHC / SDXC up to 128GB (card not Included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.264, MJPEG
Resolution	H.264: 1080p/720p/VGA/D1/CIF MJPEG: 1280 x 720/800 x 600/VGA/768 x 432/D1/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 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	ONVIF, TCP/IP, UDP, autoIP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
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	-40°F ~ 122°F (-40°C ~ 50°C)
Operating humidity	10~90% RH (non-condensing)
IK rating	IK10 impact resistant
IP rating	IP68 certified water and tamper resistant
IK rating	IK 10-rated
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 3). (adaptor not included)
Power consumption	DC12V: max 6.9W PoE: max 8.6W
MECHANICAL	
Material	Snapit™ aluminum vandal housing, polycarbonate dome
Dimensions	5.47" x 4.93" (139 x 125.4 mm)
Weight	2.75 lbs (1.25kg)

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DW DIGITAL WATCHDOG® Complete Surveillance Solutions

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