



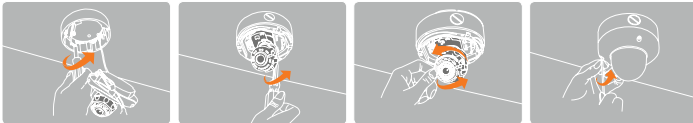
**1080P**

2.1MP 1080p Resolution at 30fps

DWC-MV421TIR



**Snapit Easy Installation**



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

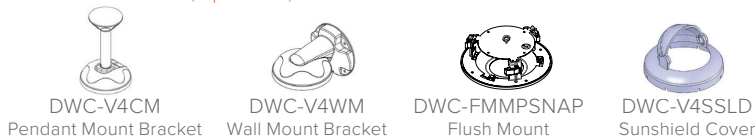
**Summary**

MEGApiX® IP cameras provide real-time 2.1MP (1080p, 30fps) resolution. Advanced technologies include True Day/Night, 3D Digital Noise Reduction, Power over Ethernet (PoE), WDR, and Smart IR™ to deliver the best images in any type of environment. All MEGApiX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market. The MV421TIR also features a housing unit that is IP68 rated and easy to install.

**Features**

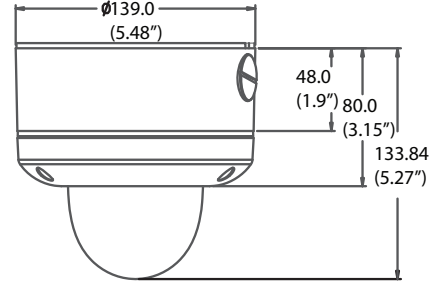
- 2.1 Megapixel Image Sensor (1080p, 30fps)
- Wide Dynamic Range (WDR)
- Triple Codecs (H.264, MJPEG, MPEG4) with Simultaneous Dual-Stream
- 2.8~12mm Auto Focus P-Iris Lens
- CleanView™ Hydrophobic Dome Coating Repels Water, Dust and Grease
- Snapit™ Easy Installation Housing
- Smart IR™ with Intelligent Camera Sync. 70ft Range
- True Day/Night with Mechanical IR Cut Filter
- Manual IR Activation
- Smart DNR™ 3D Digital Noise Reduction
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- Programmable Privacy Zones
- Motion Detection
- Micro SD/SDHC Class 10 Card Slot for Emergency Backup [card not included]
- Junction Box Built-in
- Alarm Sensor Input
- Relay Output
- Web Server Built-in
- PoE and DC12V
- OnVIF Conformant, Profile S
- IP68 Certified (Water Resistant)

**Accessories (Optional)**



**Dimensions (unit : mm [inch])**

**5 YEAR WARRANTY**



**Specifications**



IMAGE	
Image Sensor	1/2.8" CMOS Sensor (7% Larger Than 1/3" CMOS Sensor)
Total Pixels	2016 (H) X 1108 (V)
Minimum Scene Illumination	F1.6 (30IRE): 0.5 Lux [Color]
	F1.6 (30IRE): 0.0 Lux [B&W]
LENS	
Focal Length	2.8-12mm
Lens Type	Auto Focus P-Iris
IR Distance	70ft Range
Digital Zoom / Optical Zoom	8X / 4.5X
OPERATIONAL	
Shutter Mode	Auto, Manual
Digital Slow Shutter	Off, 2X, 3X, 4X
Shutter Speed	1/30, 1/60, 1/120
Auto Gain Control	0~20
Back Light Compensation	Off, On
Day and Night	Auto, Day (Color), Night (B/W)
Mirror & Flip	Off, On
Smart DNR™ 3D Digital Noise Reduction	Off, Low, Middle, High
Privacy Zone	30 Programmable Privacy Masks
Alarm Notifications	Notifications Via E-mail
NETWORK	
LAN	802.3 Compliance 10/100 LAN
Video Compression Type	H.264, MPEG4, MJPEG
Resolution	1920X1080 (16:9) ~ 320X240 (4:3)
Frame Rate	Up to 30fps at All Resolutions
Streaming Capability	Dual-Stream at Different Rates and Resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, HTTP, DHCP, PPPoE, ICMP, ARP, RARP, RTSP, NTP, UDP, Multicast
Maximum User Access	20 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows XP / Vista / 7, MAC OS Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	DW Spectrum™ IPVMS
Memory Slot	Micro SDHC Card (4GB-32GB) Recording on Network Loss, Card Not Included*
ENVIRONMENTAL	
Operating Temperature/ Humidity	-29°C ~ 55°C (-20°F ~ 131°F)
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	7.2W, 600mA / LED ON 8.64W, 720mA
MECHANICAL	
Material	Aluminum Housing, Polycarbonate Dome
Dimensions	139 X 118.8 mm, 5.47 X 4.7 in
Weight	2.05 lbs

\*Specifications subject to change without notice.