

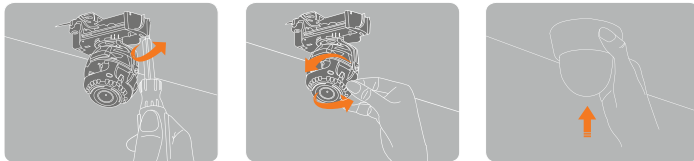


DWC-MD421DB

**1080P**  
2.1MP 1080p Resolution at 30fps



**Snapit Easy Installation**



1 Two Screw Installation

2 Adjustment

3 Snap It

**Summary**

MEGApix® IP cameras provide real-time 2.1MP (1080p, 30fps) resolution. Advanced technologies include Electronic Day/Night, Smart DNR™ 3D Digital Noise Reduction and Wide Dynamic Range (WDR) to deliver the best images in any type of environment. Power over Ethernet (PoE) simplifies installation by connecting both power and network through a single cable. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

**Features**

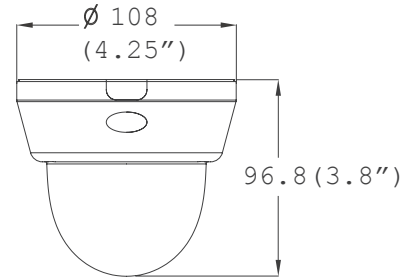
- 2.1 Megapixel Image Sensor (1080p, 30fps)
- Wide Dynamic Range (WDR)
- Triple Codecs (H.264, MJPEG, MPEG4) with Simultaneous Dual-Stream
- 2.8~12mm Auto Focus P-Iris Lens
- Snapit™ Easy Installation Housing
- Smart DNR™ 3D Digital Noise Reduction
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- Programmable Privacy Zones
- Motion Detection
- Micro SD/SDHC Class 10 Card Slot for Emergency Backup [card not included]
- Alarm Sensor Input
- Relay Output
- Web Server Built-in
- PoE and DC12V
- Black Housing
- OnVIF Conformant, Profile S

**Accessories (Optional)**



DWC-D1WM  
Wall Mount for D1 & D4 Housing

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



**Specifications**



IMAGE	
Image Sensor	1/2.8" CMOS Sensor
Total Pixels	2016 (H) X 1108 (V)
Minimum Scene Illumination	F1.6 (30IRE): 0.5 Lux [Color]
	F1.6 (30IRE): 0.01 Lux [B&W]
LENS	
Focal Length	2.8-12mm
Lens Type	Auto Focus P-Iris
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	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirements	DC 12V, PoE (IEEE802.3af Class 3)
Power Consumption	7.2W, 600mA
MECHANICAL	
Material	Plastic
Dimensions	108 X 96.8 mm (4.25 X 3.8 in)
Weight	0.507 lbs

\*Specifications subject to change without notice.