DW ip **Onvif** **PoE**

DW • DIGITAL WATCHDOG
Everything's Digital

MEGAPIX
MB421TIR
IP 2.1MP Bullet Camera

DW • DIGITAL WATCHDOG

HD 1080
Full HD

Dual Streaming

Motion Detection

3 CODEC
Triplex Encoder

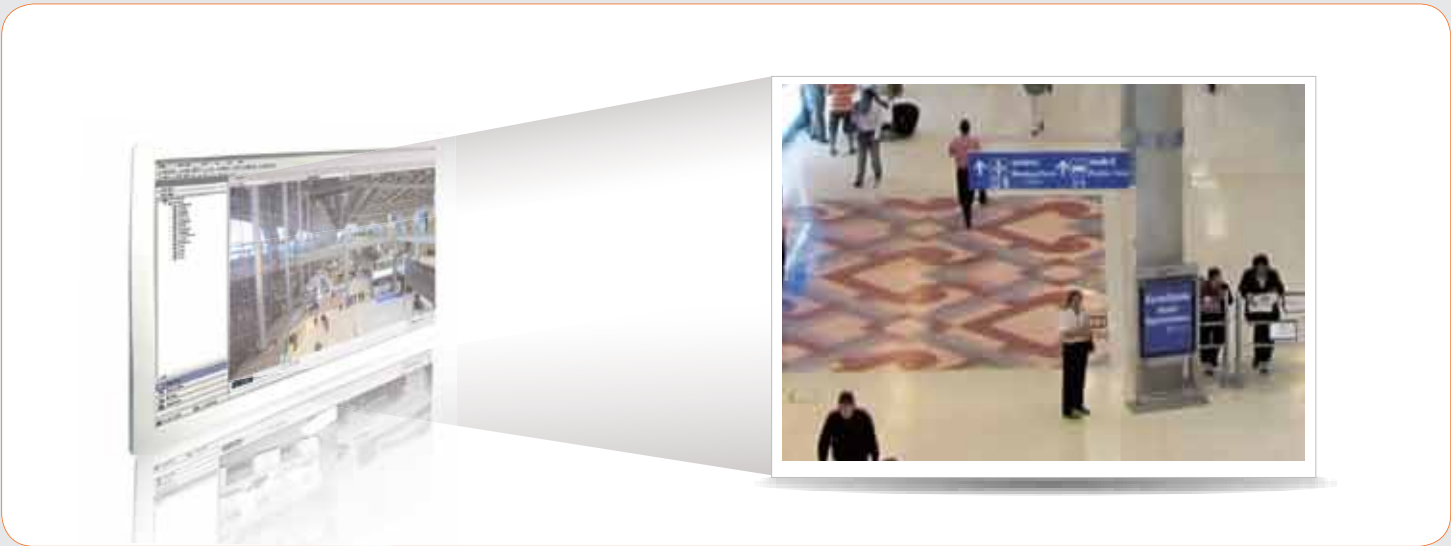**Onvif**
ONVIF

PoE

UPnP FORUM MEMBER
UPnP

Easy Installation

Full High Definition delivers crystal clear 1080P HD resolution video images at 30 frames per second

ONVIF (Open Network Video Interface Forum) compliant with ONVIF standards for increased flexibility and reduced total cost
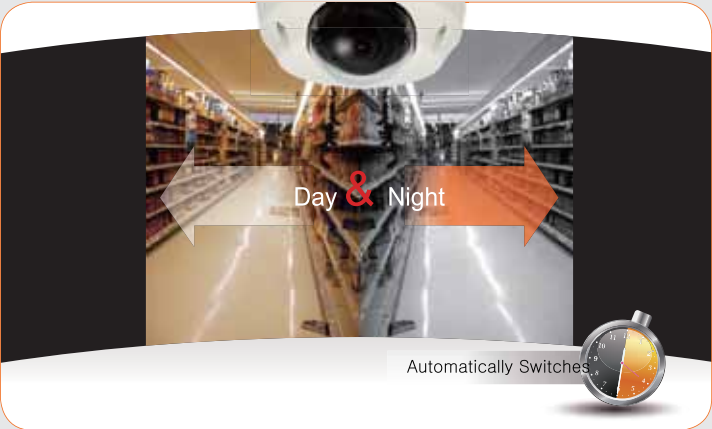
PoE (Power over Ethernet) simplifies installation by connecting both power and network through a single cable

VS

Wide View
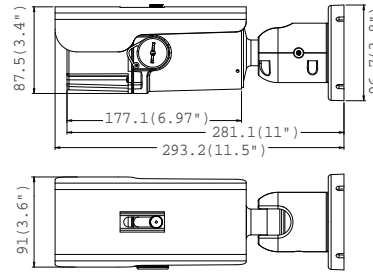covers a wide range of view (81°) and minimizes blind spots

Day & Night when light diminishes below a certain level, automatically switches to night mode to provide high quality black-and-white video images

81°

Day & Night

Automatically Switches

MEGAPIX Bullet MB421TIR

DW ip | ONVIF | 2 YEAR WARRANTY

Dimensions (unit : mm)

87.5(3.4")
177.1(6.97")
281.1(11")
293.2(11.5")
96.7(3.8")
91(3.6")

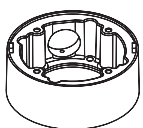2.1 Megapixel | Auto Focus Lens | Two Way Audio | PoE | IP66 | Micro SD SDHC Card

Summary

The MB421TIR MEGAPIX camera is a triple codec network camera that provides 1080P megapixel resolution at 30 frames per second. The camera's advanced technologies like True Day and Night, 3D-DNR, WDR, and Smart IR will deliver the best images in any type of environment. And Power over Ethernet will simplify installation by connecting both power and network through a single cable.
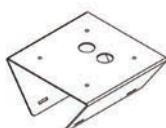
Features

- ONVIF Compliant
- 2.1 Megapixels (1080P, 30fps)
- Triple Codecs (H.264, MJPEG, MPEG4) with Dual-Stream
- 1/2.8" CMOS Sensor (7% Larger Than 1/3" CMOS Sensor)
- 3.5~16mm Auto Focus Lens
- 4X Digital Zoom, 4.5X Optical Zoom
- 100ft IR with Intelligent Camera Sync
- TDN (True Day and Night/TDN5)
- Power over Ethernet [PoE] & DC12V
- Two-Way Audio
- Micro SD/SDHC Class 10 Card for Emergency Backup
- IP66/ IP68 Certified (Weatherproof)
- No Fog or Condensation under Any Weather Conditions
- Web Server Built-in
- WDR (Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Programmable Privacy Zones (30) & Motion Detection

Accessories (Optional)

DWC-BLJUNC
Junction Box for Bullet Housing

DWC-PMB-BU
Pole Mount for Bullet Housing

Specifications

IMAGE	
Image Sensor	1/2.8" Sony 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	3.5-16mm
Lens Type	Auto Focus
IR Distance	100ft Range IR
Angle of View	Horizontal: 55.4 (wide) - 2.9 (tele)
AUDIO	
Compression and Sampling Rate	G.711 (8KHz)
Input / Output	1 Line In and 1 Line Out Mono
OPERATIONAL	
Brightness	0~20
Shutter Mode	Auto, Manual
Digital Slow Shutter	Off, 2X, 3X, 4X
DNR (Digital Noise Reduction)	Off/ Low/ Middle/ High
Auto Gain Control	0~20
BLC (Back Light Compensation)	Off, On
WDR (Wide Dynamic Range)	Off, On, Level 0~9
Day and Night	Auto, Day (Color), Night (B/W)
Lens Mode	DC/ Manual
Chroma (Hue & Saturation Settings)	0~20
Sharpness	0~10
Mirror & Flip	Off, On
Record Schedule	Continuous, Motion, Sensor, Pre- & Post-Alarm
Alarm Notifications	Notifications Via E-mail
NETWORK	
LAN	802.3 Compliance 10/100 LAN
Video Compression Type	H.264, MPEG4, MJPEG (Super Fine~Low)
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	5 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows XP / Vista / 7, MAC OS
	Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	NxMS, DW Spectrum, Pivot
Memory Slot	24 hours recording to Micro SDHC Card (4GB-32GB)
	Card Not Included*
ENVIRONMENTAL	
Operating Temperature/ Humidity	-29°C ~ 55°C (-20°F ~ 131°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-29°C ~ 55°C (-20°F ~ 131°F)
IP Rating	IP66/ IP68 (Protects against dust and high pressure water)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	DC 12V, PoE (IEEE802.3af Class 3)
Power Consumption	9W, 750mA / LED ON 14.4W, 1200mA
MECHANICAL	
Material	Aluminum Housing
Dimensions	293.2 X 96.7 mm (11.5 X 3.8 in)
Weight	1.52 lbs

*Specification is subject to change without prior notice.

DIGITAL WATCHDOG
Complete Surveillance Solutions