



# MEGAPIX MV950TIR

IP 5 MP Vandal Dome Camera



Easy Installation



Motion Detection



Triplex Encoder



ONVIF



PoE



UPnP

## 5MP High Definition

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



## OnVIF

( Open Network Video Interface Forum )

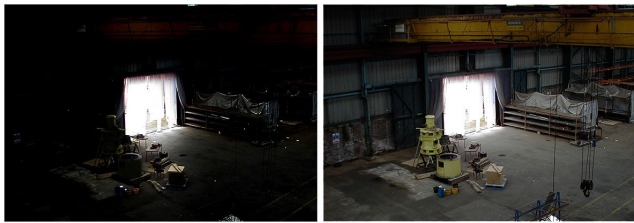
compliant with OnVIF standards for increased flexibility and reduced total cost



## WDR

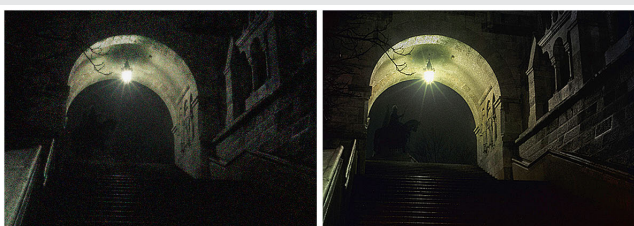
( Wide Dynamic Range )

captures full range of details in both bright and dark environments simultaneously



## 3D-DNR

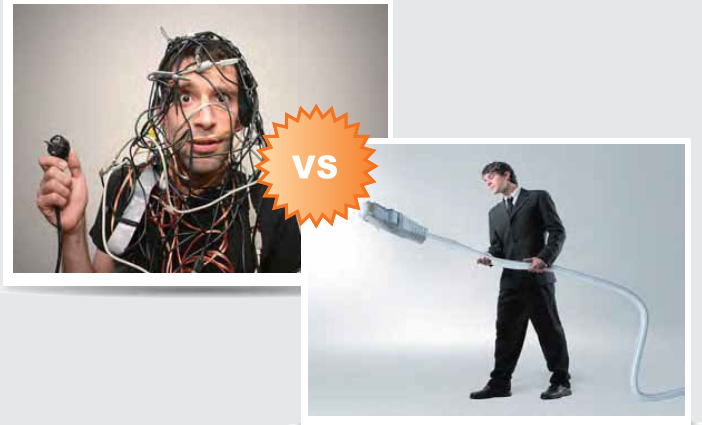
produces less noise while providing more color at night



## PoE

( Power Over Ethernet )

simplifies installation by connecting both power and network through a single cable



## Day & Night

provides high quality low-light recording by analyzing the ambient light level to automatically switch between day & night mode

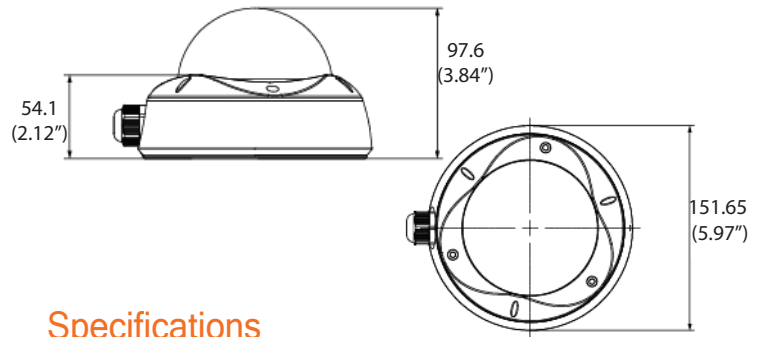


## Local & Remote Recording to FTP / NAS





## Dimensions (unit : mm)



## Specifications

IMAGE		
Image Sensor	1/2.5" 5MP CMOS Sensor	
Total Pixels	2592 (H) X 1920 (V)	
Minimum Scene Illumination	0.0 Lux	
LENS		
Focal Length	3.4~10mm	
Lens Type	Varifocal/ DC- Iris	
IR Distance	50ft Range IR	
Angle of View	Horizontal: 40 (wide) - 25 (tele)	
AUDIO		
Compression and Sampling Rate	G.711/ G.726/ AAC	
Input / Output	Built-in Microphone, 1x Line In and 1x Line Out	
OPERATIONAL		
Brightness	0~255	
Digital Slow Shutter	1/4~1/15000 Selectable	
DNR (Digital Noise Reduction)	Off, Auto, Manual (0~255)	
Auto Gain Control	2x~128x, Max Gain, Manual	
BLC (Back Light Compensation)	-2.0EV ~ +2.0EV, Off	
WDR (Wide Dynamic Range)	Off, Low, Medium, High	
Day and Night	Auto, Day (Color), Night (B/W), Activate with Digital Input	
Chroma (Hue & Saturation Settings)	0~255	
Sharpness	0~255	
Mirror & Flip	Off, On	
Record Schedule	Continuous, Event, Pre- & Post-Alarm Recording to SD Card, FTP Server, and Network Storage	
Alarm Actions	File Upload via FTP and E-mail, E-mail Notifications with Snapshot attachment, External Output Activation, File Recording to SD Card, Remote FTP or NAS	
NETWORK		
LAN	DW Optimized Firmware	Full Firmware Option
Video Compression Type	802.3af Compliance	
Resolution	H.264	H.264, MPEG4, MJPEG
Frame Rate	10fps @ 2560x1920 (5MP)	10fps@2592x1920(5MP) / 20fps@2048x1536(3MP) / 30fps@1920 x1080(2MP)
Streaming Capability	Up to 10fps	Up to 30fps based on Resolution
IP	Dual-Stream at Different Rates and Resolutions	
Protocol	IPv4, IPv6	
Maximum User Access	TCP/IP, HTTP, DHCP, PPPoE, HTTPS, ICMP, ARP, RTSP, NTP, UDP, NTP, SMTP, RTP, RTCP, 3GPP, SAMBA (NAS)	
ONVIF Conformance	10 Users	
Web Viewer	Yes , Profile S	
Video Management Software	OS: Windows XP / Vista / 7, MAC OS	
Memory Slot	Browser: I.E. 8 or Higher, Chrome, Firefox, Safari	
	DW Spectrum	
	Micro SDHC Card (4GB-32GB) Card Not Included*	
ENVIRONMENTAL		
Operating Temperature/ Humidity	-25°C ~ 55°C (-13°F ~ 131°F)	
Operating Humidity	Less than 80% (Non-Condensing)	
Storage Temperature	-29°C ~ 55°C (-20°F ~ 131°F)	
IP Rating	IP66 (Protects against dust and high pressure water)	
Other Certifications	CE, FCC, RoHS	
ELECTRICAL		
Power Requirement	DC 8~25V, AC 24V, PoE (IEEE802.3af Class 3)	
Power Consumption	4.5W, 187mA, LED ON: 8.9W, 370mA	
MECHANICAL		
Material	Aluminum Housing	
Dimensions	152 X 98 mm (5.98 X 3.85 in)	
Weight	2.42 lbs	

\*Specification is subject to change without prior notice.

## Summary

The MV950TIR MEGApix camera is a vandal dome camera that offers up to 5 megapixels resolution at 10 frames per second. The camera's high megapixel display offers exceptional image, especially for applications where details and image analysis are crucial. In addition, the camera offers complete image control with features such as BLC, intelligent Motion and Detection with Sensor Control, and PoE easy installation. The camera also supports local and remote backup via local SD Card and remotely to an FTP Server.

## Features

- ONVIF Compliant Profile S
- 5 Megapixels (2592x1920, 10fps) Resolution
- Triple Codecs (H.264, MJPEG, MPEG4) with Dual-Stream
- 1/2.5" 5MP CMOS Sensor (20% Larger Than 1/3" CMOS Sensor)
- 3.4~10mm Varifocal Lens
- 3X Optical Zoom
- 50ft IR with Intelligent Camera Sync
- TDN (True Day and Night)
- Power over Ethernet [PoE] & 8~25VDC, and AC24V
- Two-Way Audio
- Micro SD/SDHC Class 10 Card for Local Recording
- IP66 Certified (Weatherproof)
- Web Server Built-in
- DNR (Digital Noise Reduction)
- Programmable Privacy Zones (5) & Motion Detection

## Accessories (Optional)



DWC-V9WM  
Wall Mount for V9 Housing