



# **S** MA8391-ETV

Multi-Sensor Adjustable Dome Network Camera



12MP Total Resolution • Multi-Directional • Adjustable Views • Remote Focus • SNV • IP66 • IK10 • -40°C ~ 55°C

The new MA8391-ETV is the most versatile product offering to date from VIVOTEK. The MA8391-ETV provides high resolution images through four independent sensors, with each sensor utilizing a remote focus lens. By having each sensor independent of each other, the MA8391-ETV can view four different regions simultaneously and therefore reduce the total number of cameras needed for surveillance, helping to reduce total installation time and costs.

Featuring four independent 3MP CMOS Sensors, the MA8391-ETV network camera can provide the most flexibility in surveillance monitoring. Each sensor utilizes a 2.8 to 8 mm remote focus

lens and 3-axis design along a circular track to enable full 360° coverage. This enables the MA8391-ETV to capture every angle for comprehensive video coverage from a single IP address, making this camera ideally suited for surveillance in areas such as hallway intersections, building corners, parking garages/lots, and shopping malls.

In addition to its versatile coverage, the MA8391-ETV is armed with a robust IP66 and IK10-rated housing to enable the multi-directional camera to withstand rain and dust as well as to protect against vandalism or tampering.

## Key Features

- 12-Megapixel Total Resolution
- 4 Independent Sensors, Adjustable Views
- Remote Focus
- 7 fps (2048x1536) per Sensor
- Removable IR-cut Filter for Day & Night Function
- Smart Stream II to Optimize Bandwidth Efficiency
- SNV (Supreme Night Visibility)
- 3D Noise Reduction for Low-light Conditions
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Built-in Microphone
- Built-in MicroSD/SDHC/SDXC card slot



Multiple sensors, Adjustable views

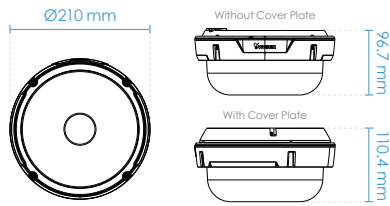
## Technical Specifications

Model	MA8391-ETV
<b>System Information</b>	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	1GB
<b>Camera Features</b>	
Image Sensor	1/2.8" Progressive CMOS
Maximum Resolution	2048x1536 (3MP) x 4
Lens Type	Vari-Focal, Remote Focus
Focal Length	f = 2.8 ~ 8 mm
Aperture	F1.6
Field of View	51° ~ 105° (Horizontal) 37° ~ 72° (Vertical) 63° ~ 140° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.23 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)
Tilt Range	0° ~ 105° each lens
Rotation Range	±90° each lens
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
<b>Video</b>	
Compression	H.264 & MJPEG
Maximum Frame Rate	7 fps @ 2048x1536
Maximum Streams	4 simultaneous streams
S/N Ratio	66.5 dB
Dynamic Range	60 dB
Video Streaming	Adjustable resolution, quality and bitrate, Configurable video cropping for bandwidth saving; Smart Stream II
Image Settings	Time stamp, text overlay, flip & mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks
<b>Audio</b>	
Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Built-in Microphone
Effective Range	5 meters

<b>Network</b>	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, ARP, SSL, TLS, CIFS/SMB
Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Intelligent Video</b>	
Video Motion Detection	Five-window video motion detection
<b>Alarm and Event</b>	
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, MicroSD card life expectancy
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server and MicroSD card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card
<b>General</b>	
Connectors	RJ-45 for Network/PoE connection AC 24V Power input Digital input *1 Digital output *1
LED Indicator	System power and status indicator
Power Input	AC 24V IEEE 802.3at PoE Class 4
Power Consumption	Max. 24 W
Dimensions	Ø 210 x 110.4 mm Ø 210 x 96.7 mm (without cover plate)
Weight	1,572 g
Casing	IP66, IK10
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: -30°C ~ 55°C (-22°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F)
Humidity	90%
Warranty	36 months
<b>System Requirements</b>	
Operating System	Microsoft Windows 7/8
Web Browser	Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
<b>Included Accessories</b>	
Others	Quick installation guide, warranty card, alignment sticker, desiccant bag, screw driver, screws pack

## Technical Specifications

### Dimensions



## Compatible Accessories

### Mounting Kits



**AM-529**  
Mounting Adapter  
(1.5" PS11 Male  
Connector)



**AM-116/117**  
Pendant Pipe  
(1.5" PS11)  
(20 cm/40cm)



**AM-114**  
Pendant Head  
(Outdoor)



**AM-21C**  
Wall Mount Bracket



**AM-314**  
Pole Mount Adapter



**AM-414**  
Corner Mount Adapter