



## VMS-CMB-E-MZ

### 1080p ULTRA WDR MICRO BULLET IP CAMERA



The compact bullet VMS-CMB-E-MZ is a feature rich camera offering 1080p resolution.

With Ultra Wide Dynamic range and superior low light performance this IP66 camera is ideal for external applications. Coupled with a 3-10.5mm vari-focal lens and a IR Illuminator the bullet camera offers exceptional value for money.

The camera supports motion detection, privacy masking, microSD support and is a true day/night camera.

## KEY FEATURES

- 1080p Resolution
- Sony Progressive Scan CMOS Sensor
- Quad Streams Support
- Dual Streams- Full HD 1080P Real-time + H.264 MJPEG D1
- Dual Stream Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multi-language Support
- Tampering Alarm
- Ultra Dynamic Range
- Motion Detection
- Privacy Masks
- 3D Noise Reduction / 2D Noise Reduction
- Smart IR Mode
- Network Failure Detection
- Day/Night (ICR)
- IR LED Module (working distance up to 15m)
- Digital Image Stabilization (DIS)
- IP66 Rated
- microSD Support
- ONVIF Support

## VMS-CMB-E-MZ-1080p ULTRA WDR MICRO BULLET IP CAMERA

Image Sensor		1/2.8" ProgressiveCMOS
Effective Pixels		1920(H) x 1080(V)
Minimum Illumination		TBD
Shutter Speed		1 ~ 1/10000 sec.
<b>Lens</b>		
Lens		Vari-focal lens
Focal Length		3-10.5mm
F Number		F1.4
FOV		Wide: 93.2°, Tele: 31.9°
<b>Operation</b>		
Multiple Languages		English/French/German/Italian/Korean/Simplified Chinese/Traditional
Image Setting	Backlight Compensation	On / Off
	White Balance	Auto / Manual / ATW / Indoor / Outdoor
	Noise Reduction   3D/2D	Low / Middle / High / Off
	Wide Dynamic Range	Shutter WDR (120dB)
	Privacy Mask	On / Off
	Brightness	Manual
	Exposure	Auto / Manual
	Sharpness	Manual
	Contrast	Manual
	Saturation	Manual
	Hue	Manual
	Digital Zoom	Support
	Motion Detection	On / Off / By Schedule
	Privacy Mask Type	Colour
	ICR	Auto / On / Off / Smart
ICR+IR LED	Auto / LED On / LED Off / Smart IR / Light Sensor	
Tampering Alarm	On / Off / By Schedule	
<b>Network</b>		
Interface		RJ-45, 10/100/1000 Mbps Ethernet (Giga Ethernet)
Video Compression		H.264 (MJPEG-4 Part 10/AVC)/ MJPEG
Video Streaming	Dual Streams	PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps) NTSC: H.264 1080P(60 fps) + H.264 D1 (30 fps)
	Quad Streams	H.264 1080P(25/30 fps) + H.264 720P(25/30 fps) + H.264 720P(25/30 fps) + H.264/MJPEG
Video Resolution		Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps or 25/30fps (2 shutter WDR)
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF,
Security/Authorization		HTTPS / IP Filter / IEEE 802.1X
Alarm	Input	1 Set 5V 10kΩ pull up
	Output	1 Set Photo Relay Output 300VDC/AC
Event Notification		HTTP / FTP / SMTP
Micro SD		microSDHC 32GB support
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari
User Account		20
Password Levels		User and Administrator
<b>Mechanical</b>		
Built-in IR Illuminator	Working Distance	up to 25m
	Wavelength	850nm
	Number of LEDs	3
Power Connection		PoE & DC Jack
LED Indicator		Power / Link / ACT
Connectors	Type	Outdoor
	Alarm	N/A
	Power	DC Jack on all-In-One Cable
	Ethernet	RJ45 on all-In-One Cable
	Audio	N/A

<b>General</b>	
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Humidity	10% ~ 90%, No Condensation
Weatherproof Standard	IP66
Dimensions	Vari-Focallens Outdoor w/ cable management: Ø 71.5 x 150.53 x 91.15 mm (Ø 2.815 x 5.92 x 3.58in.)
Weight	360 g
Power Source	PoE / DC12V
Power Consumption	System: 5.5 W (Built-in IR Illuminator: +1W)
Regulatory	FCC/ EMC/ LVD /RoHS

*Product specification and availability are subject to change without notice.*

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