

VMS-CF-E-F

1080p ULTRA HIGH DEFINITION FISHEYE IP CAMERA



The VMS-CF-E-F multi - stream Ultra High Definition Fisheye IP Camera is a high resolution surveillance solution featuring 180 ° panoramic view (wall mount) or 360° panoramic view (ceiling mount) without blind spots. The fisheye camera supports 6 Megapixels resolution streaming at 30 fps which allows the video to be viewed seamlessly. Furthermore, the embedded 180° wall and 360° ceiling mount arrangements plus multiple display modes allow the VMS-CF-E-F to provide flexibly in locations such as transportation, shopping centres and warehouses, etc.

Moreover, the Edge Dewarping function of the camera can dewarp the fisheye source images. With this feature, the images can be easily recorded with the dewarped images in panoramic view or other different viewing modes. Furthermore, with the IR LED module and noise reduction technique, the camera can deliver clear images in low light conditions. 3.5 mm jacks enable users to fulfill two-way audio communication.

KEY FEATURES

- 6M Resolution
- Progressive Scan CMOS Sensor
- Software Dewarping
- Edge Dewarping, Up to 4M Resolution Real-Time
- Quad Streams Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multiple Dewarp Display Modes
Digital PTZ / Panorama View / QuadView
- Smart Event Function
Audio Detection / Motion Detection / Network Failure
Detection / Tampering Alarm
Periodical Event / Manual Trigger Event
- Multiple and Dynamic Region of Interest (ROI) Windows
- Smart Text Overlay and Privacy Masks
- Wide Dynamic Range
- Day/Night (ICR)
- IR LED Module
- Smart Picture Quality / 3D Noise Reduction
- IP66 Rated
- MicroSD Support
- ONVIF Support

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		1/1.8" Sony ProgressiveCMOS
EffectivePixels		6M
Minimum Illumination		0.04 lux (Color) @ F2.8 0.002 lux (B/W) @ F2.8
Shutter Speed		1 ~ 1/10000 sec.
Lens		
Lens	Stereo Projection	1/2.5" Fisheye Lens
Lens Mounting		M12
Focal Length		1.05 mm
F Number		F2.8
FOV		180 @ Full Resolution
Operation		
Multiple Languages		English/French/German/Italian/Japanese/Korean/Portuguese/Russian/Simplified Chinese/Spanish/Traditional Chinese
Image Setting	Backlight Compensation	On / Off
	White Balance	Manual / AWB / ATW / One Push
	3D Noise Reduction	On / Off (w/ Motion Compensation)
	Wide Dynamic Range	On / Off
	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
	ICR	Auto / LED On / LED Off / Smart IR / Light Sensor
	Tampering Alarm	On / Off / By Schedule
Audio	Two-way Audio	Two-Way Audio (Line in / Line out)
	Compression	G.711/G.726
Network		
Interface		RJ-45, 1Gbps Ethernet
Video Compression		MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC
Video Streaming	Edge Dewarping	Dual Streaming (Note: MJPEG supports for resolution of 1080p or under) H.264 4M (2048 x 2048) @20fps + H.264 1080P @20fps H.264 1.98M (1408 x 1408) @25/30fps + H.264 1080P @25/30fps
	SW Dewarping	Single Streaming H.264 6M (3072 x 2048) @25/30 fps H.264/MJPEG 1080P @ 50/60fps
		Dual Streaming (Note: MJPEG supports for resolution of 1080p or under) H.264 6M (3072 x 2048) @ 25/30 fps + 720P @ 25/30 fps H.264 1080P @ 50/60 fps + 1080P @ 25/30 fps
		Quad Streaming (Note: 1 of the streamings can be MJPEG) PAL: H.264 1080P @50fps + H.264 1080P @50fps + H.264 VGA @50fps + H.264 CIF @50fps NTSC: H.264 1080P @60fps + H.264 SXGA @60fps + H.264 D1 @60fps + H.264 CIF @60fps
Video Resolution	Edge Dewarping	H.264 - 2048x2048 / 2688x1520 / 2048x1536 / 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554 MJPEG - 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554
	SW Dewarping	H.264 - 6M (3072 x 2048) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA MJPEG - Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
Video Windows underePTZ		4
Video Dewrap Engine		Edge Embedded (Camera Side)
Video Analytic Engine		Edge Embedded (Camera Side)
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP
Security		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
Mechanical		
Built-in IR Illuminator	Working Distance	5m
	Wavelength	850 nm
	Number of LEDs	6
Connectors	Alarm & Audio	8 Pin Terminal Block, Pitch 2.5 mm
	Power	2 Pin Terminal Block
	Ethernet	RJ-45
All-in-one Cable		
Type		Outdoor
Audio I/O		Line in / Line Out
Alarm		4 Pin Terminal Block
Power		2 Pin Terminal Block / GND

General	
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Humidity	10% ~ 90%, No Condensation
Weatherproof Standard	IP66
Dimensions	Ø 149 x 45.8 mm (Ø 5.87 x 1.80in.)
Weight	355g
Power Source	DC 12V / AC 24V / PoE
Power Consumption	9.1W
Regulatory	CE / FCC / RoHS

Product specification and availability are subject to change without notice.

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