



- 3 Megapixel multi streaming
- H.264/MPEG4/MJPEG compression
- Advanced motion detection
- 0.2 Lux @ F 1.2; B/W: 0.01 Lux @ F 1.2
- 2-way audio
- Built-in SD/SDHL card slot for schedule and alarm recording
- PoE support
- Support -40 °C ~ +50 °C
- IP66
- ONVIF support

Specification

	Model Name	ISM3431
Video	Camera	3 Megapixel 15 fps
	Image Sensor	1/2.8" Sony IMX036 CMOS sensor
	Effective Pixels	2048 x 1536
	Min. Illumination	Color: 0.2 Lux @ F 1.2; B/W: 0.01 Lux @ F 1.2
	Shutter Speed	1 ~ 1/10000 sec
	White Balance	Manual/AWB/ATW
	Lens Type	Computar f = 3 ~ 9 mm vari-focal auto-iris DC drive
Operation	Video Compression	H.264/MPEG4/MJPEG
	Video Streaming	Simultaneous
	Resolution	2048 x 1536/Full HD 1080p/HD 720p/D1/CIF
	Frame Rate	Max. 1920 x 1080 (25 fps for PAL, 30 fps for NTSC)
	Image Setting	Brightness, contrast, saturation, sharpness, WDR level, privacy masks; Exposure Mode: indoor, outdoor, night, low-noise, moving, customize 1 ~ 3, schedule.
	Audio	2-way audio: 1 x input/1 x output (3.5 mm earphone jack); Compression: G.711 u 64 kbps/G.726 32 kbps
Alarm	Alarm	Recording (SD card, SAMBA, FTP); pre-alarm recording Advanced Motion: (512 zones, Sensitivity: 0 ~ 100 %) Trigger: Motion detection, schedule, alarm input, ethernet loss, network/remote digital alarm input
	Event Notification	SD card recording, HTTP, FTP, SMTP, alarm output
Network	Interface	10/100 Mbps ethernet (RJ-45), Digital I/O: 2 x digital input/2 x digital output/1 x DC output (DC 12 V)/1 x ground, Earphone jack: 2 x 3.5 mm (1 x audio in (mic. in / line in), 1 x audio out). Reset: Reset for factory default Local storage device: SD/SDHC card slot. USB: A-Type (2.0)
	Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, and ONVIF
General	Operation Temperature	-40 °C ~ +50 °C (-40 °F ~ 122 °F), Humidity: 10 % ~ 90 %, no condensation
	Power Source	DC12 V/PoE (IEEE 802.3af)/AC 24 V
	Regulatory	ONVIF, CE, FCC, RoHS compliant, C-Tick, IP66. IK-10
	Accessories included	Installation guide, CD x 1 (includes users manual), power adaptor (Input: AC 100 ~ 240 V, 50/60 Hz, Output: DC 12 V, 1 A), RJ-45 cable x 1, mounting bracket
	Dimension (H x W x D)	92 mm x 97 mm x 226 mm

*Design and specifications are subject to change without prior notice.