

IP box camera, 3.0 Megapixel real time, H.264/MPEG4/JPEG, 2-way audio, PoE, SD/SDHC card



- Sony 1/2.8" 3.0 Megapixel progressive Exmor™ CMOS sensor
- Low Lux, Color: 0.2 Lux @ F 1.2, B/W: 0.01 Lux @ F 1.2
- Compression: H.264, MPEG-4, MJPEG (triple-code encoder)
- Highest Resolution: 2048 x 1536 @ 20 fps, H.264/highprofile
- Support DC 12V & PoE (802.3af) power input
- Support micro SD/SDHC card
- Support both ONVIF and PSIA

## Specification

	Model Name	ISM-3411S	ISM-3411RS	
Video	Image Sensor	Sony 1/2.8" 3.0 Megapixel progressive Exmor™ CMOS		
	Network Compression	Triple Streams: H.264/MPEG-4/MJPEG		
	Pixels (H x V)	2048 x 1536, 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 720 x 480		
	Max. Frame Rate	2048 x 1536 @ 20 fps, others up to 30 fps		
	Mechanical IR Cut Filter	-	Automatically switches (B/W mode < 2 Lux, color mode > 5 Lux)/external	
	Digital D/N Mode	Auto/color/black & white		
	Motion Detection	Yes		
	Motion Alarm Trigger	Yes		
	Timer Clock	Yes		
	Image Setting	Brightness/contrast/AWB/sharpness/saturation/rotation/mirror/WDR		
	Electronic Shutter	Auto: 1/60 to 1/2,000 sec (60 Hz); 1/50 to 1/2,000 sec (50 Hz)		
	Manual Electronic Shutter	1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/750, 1/1000, 1/1500, 1/2000 sec		
	White Balance	Auto/manual (1800 K ~ 10,000 K)		
	Signal to Noise Ratio	More than 52 dB (AGC off)		
	Network	Dynamic Noise Reduction	2D DNR	
Digital Wide Dynamic Range		10 levels (adjustable level settings)		
Video Output		1.0 Vpp composite, 75 Ω (BNC) or YPbPr		
Min. Illumination		Color: 0.2 Lux @ F 1.2, B/W: 0.01 Lux @ F 1.2		
Lens		CS/C mount (with adaptor ring), DC iris support (D4 connector)		
Safety		ID/password protection, IP address filtering, user access log		
Protocol		TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, ARP, UPnP, RTSP RTP, Ethernet (RJ-45 wired 10/100 Base-TX)		
Bit Rate Transmission		64 up to 10,000 kbps		
Number of User		Max. 10 connections for single video		
Storage Capacity		SD/SDHC card		
Audio	Alarm Event	File upload via ftp and email/notification via email, HTTP, external digital output activation, micro SD recording		
General	Audio Communication	2-way audio; G.711 (μLaw), 8 kHz sample rate		
	Connectors	YPbPr/audio, RJ45/PoE, DC power jack, BNC (composite video out), alarm reset/alarm in/alarm out/alarm ground/RS485, micro SD, mini USB		
	Operation Voltage	DC 12V/PoE; max. 4W		
	Dimension (D x W x H)/Weight	120 mm x 62 mm x 56 mm/350 g		
	Operation Temperature	-10 °C ~ +50 °C, relative moisture 20 % ~ 90 %		
	Storage Temperature	-20 °C ~ +60 °C		
Waterproof	-			

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

