



Technical Specifications

Camera		2M	2M Real time
Image Sensor		1/2.8" Sony Progressive CMOS 1/2.7" Progressive CMOS	
Effective Pixels		1920 (H) x 1080 (V)	
Minimum Illumination		TBD	
Shutter Speed		1 ~ 1/10000 sec.	
Lens			
Lens		Board	
Focal Length		2.8 mm / 3.6 mm / 4.0 mm / 6.0 mm	
F Number		2.8 mm- F1.8 / F1.6 3.6 mm- F1.8 4.0 mm- F1.8 6.0 mm- F1.6	
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Backlight Compensation	On / Off	
	White Balance	Auto / Manual / ATW	
	Noise Reduction (3D)	On / Off	
	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	
	Privacy Mask Type	Color	
	ICR	Auto / On / Off / Smart	
ICR + IR LED*	Auto / LED On / LED Off / Smart IR / Light Sensor		
Tampering Alarm	On / Off / By Schedule		
Audio	Two-way Audio	Line In / Line Out	
	Compression	G.711 / G.726	
Network			
Interface		RJ-45, 10/100 Mbps Ethernet	
Video Compression		H.264 / MJPEG	
Video Streaming		Dual Streams- H.264 + H.264 / H.264 + MJPEG Quad Streams- H.264 x 4 / H.264 x 3 + MJPEG	
Video Resolution		H.264- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	
Frame Rate	Dual Streams	1080P (15/13 fps) + 720P (30/25 fps) 1080P (30/25 fps) + D1 (30/25 fps)	
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 300V DC/AC	
Event Notification		HTTP / FTP / SMTP	
microSD		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	Up to 25 m
	Wavelength	850 nm
	Number of LEDs	24
LED Indicator		Power / Link / ACT
Connectors	Alarm	4 of 8 Pin Terminal Block (Female)
	Power	3 Pin Terminal Block
	Ethernet	RJ-45
	Analog Video	1.0 Vp-p / 75Ω / BNC Cable*
	Audio	4 of 8 Pin Terminal Block (Female)
General		
Operating Temperature		-10°C ~ 50°C (14°F ~ 122°F)
Humidity		10% ~ 90%, No Condensation
Weatherproof Standard*		IP66
Dimension		∅ 117.0 x 84.0 mm (∅ 4.6 x 3.3 in.)
Weight		220 g
Power Source		DC 12V / AC 24V / PoE
Power	System	3.8 W
Consumption	Built-in IR Illuminator	2.0 W
Regulatory		FCC / EMC / LVD / RoHS

(*) Optional