



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		Vari-focal / Motorized	
Focal Length		3.0 ~ 9.0 mm	
F Number		F1.2 (Wide) ~ F2.7 (Tele)	
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 90.0 mm (∅ 4.6 x 3.5 in.)	
Weight	280 g	
Power Source	DC 12V / AC 24V / PoE	
Power Consumption	System	3.8 W
	Built-in IR Illuminator	1.5 W
	Motorized Lens	TBD
Regulatory	FCC / EMC / LVD / RoHS	

(*) Optional