



Technical Specifications

Camera		2M
Image Sensor		1/2.7" Progressive CMOS
Effective Pixels		1920 (H) x 1080 (V)
Minimum Illumination		TBD
White Balance		Manual / AWB / ATW
Shutter Speed		1 ~ 1/10000 sec.
Lens		
Focal Length		3.0 ~ 6.0 mm / 3.6 mm / 4.0 mm / 2.8 mm
F Number		3.0 ~ 6.0 mm- F 2.0 3.6 mm- F 1.8 4.0 mm- F 1.5 2.8 mm- F 2.0
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	Indoor Terminal Block Outdoor Pone Jack*
	Compression	G.711 / G.726
Network		
Interface		RJ-45, 10/100 Mbps
Video Compression		H.264 / MJPEG
Video Streaming		Dual Streams- H.264 + MJPEG / H.264 + H.264 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		Single Stream- 1080P (30/25 fps) Dual Streams- 1080P (15/13 fps) + 720P (30/25 fps)
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Security		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 15 m
	Wavelength		850 nm
	Number of LEDs		18
Power Connection			PoE / DC Jack*
Bracket			Cable Management*
LED Indicator			Power / Link / ACT
Connectors	Alarm	Indoor	4 of 7 Pin Terminal Block (Female)
		Outdoor	N/A
	Power	Indoor	DC Jack
		Outdoor	DC Jack of All in One Cable*
	Ethernet	Indoor	RJ-45
		Outdoor	RJ-45 of All in One Cable*
	Analog Video	Indoor	1.0 Vp-p / 75Ω, BNC
		Outdoor	BNC of All in One Cable*
	Audio	Indoor	3 of 7 Pin Terminal Block
		Outdoor	Phone Jack of All in One Cable*
General			
Operating Temperature			-10°C ~ 50°C (14°F ~ 122°F)
Humidity			10% ~ 90%, No Condensation
Weatherproof Standard			IP66 (Optional)
Dimension	Indoor		∅ 71.50 x 79.85 mm (∅ 2.82 x 3.14 in.)
	Outdoor		∅ 71.50 x 100.00 mm (∅ 2.82 x 3.94 in.)
	Outdoor w/ Cable Management		∅ 71.50 x 125.10 x 86.95 mm (∅ 2.82 x 4.93 x 3.42 in.)
Weight			330 g
Power Source			PoE / DC 12V
Power Consumption	System		2.5 W
	Built-in IR Illuminator		1.3 W
Regulatory			FCC / EMC / LVD / RoHS

(*) Optional