



Item		V3	
Camera		Full HD Real-time	Full HD
Image Sensor		1/2.5" Progressive Scan CMOS	
Effective Pixels		1920(H) x 1080(V)	
Minimum Illumination	Color	0.2 lux	
	B/W	0.02 lux	
Shutter Speed		1- 1/10000 sec.	
White Balance		Manual / AWB / ATW	
Lens			
Lens Type	Varifocal lens/ Motorized lens	F 1.4 / f = 3.3 - 12 mm	
FOV		71° - 21°	
Operation			
Video Compression		H.264/MJPEG	
Video Streaming		Simultaneous	H.264 + MJPEG
			H.264 + H.264
Resolution	H.264	Full HD 1080p/SXGA/HD 720p/D1/VGA/CIF/QVGA	
	MJPEG	Full HD 1080p/SXGA/HD 720p/D1/VGA/CIF/QVGA	
Frame Rate		Full HD 25/30 fps	HD 25/30 fps
			Full HD 15 fps
Image Setting	Brightness	Manual	
	Backlight Compensation	On/Off	
	Exposure	Auto/Manual	
	Sharpness	Manual	
	Contrast	Manual	
	White Balance	Auto/Manual	
	Saturation	Manual	
	Hue	Manual	
	Digital Zoom	Support	
	Motion detection	On/Off	
	Privacy Mask	Support	
	Privacy Mask Type	Transparent, Color	
	ICR*	Auto/On/Off	
	Tampering Alarm	On/Off	
Audio	Two-way Audio	Line out, Line in/mic in	
	Compression	G.711/G.726	
Alarm	Input	5V 10kΩ pull up	
	Output	Photo Relay Output 300VDC/AC	
Event Notification		HTTP, FTP, SMTP	
Multiple Languages		English, French, German, Italian, Korean, Simplified Chinese, Russian	
Network			
Interface		10/100Mbps Ethernet (RJ-45)	
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Password Levels		User and Administrator	
Security		HTTPS, IP Filter, IEEE 802.1X	
Internet Browser		Internet Explorer (6.0+), Chrome, Firefox, Safari	
User Account		20	
Mechanical			
Built-in IR Illuminator*	Working distance	up to 25m	
	Wavelength	850nm	
	Number of LEDs	23	
Connectors	Power	3 pins terminal block	
	Ethernet	RJ-45	
	Micro SD	SDHC support	
	Audio	4 pins terminal block	
	Alarm In/Out	4 pins terminal block	
	Analog Video	1.0 Vp-p / 75 Ω, BNC	
LED Indicator		Power, Link, ACT	
General			
Operating Temperature		-10°C - 50°C (14° - 122° F) Humidity: 10% to 90%, no condensation	
Power Source		DC12V/AC24V/PoE	
Power Consumption		System: 5W (Built-in IR Illuminator: +3.4W, Motorized Lens: +3.6W)	
Regulatory		CE, FCC, RoHS Compliant	
Dimension		∅ 149 x 131 mm (∅ 5.9 x 5.2 inches)	
Weight		0.7 kg (1.5 lbs)	

* mark for optional items