



Item		V1	
Camera		Full HD Real-time	Full HD
Image Sensor		1/2.7" Progressive Scan CMOS	
Picture Elements		1920(H) x 1080(V)	
Minimum Illumination	Color	0.1 lux @ F 1.5	
Shutter Speed		1- 1/10000 sec.	
White Balance		Manual / AWB / ATW	
Lens			
Fixed Lens		F 1.5 / f = 4.0 mm	
FOV		78°	
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	
Audio	Tampering Alarm	On/Off	
	One-way Audio*	Mic in	
Audio	Compression	G.711 / G.726	
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			
Lens Mounting		M12 Board Lens	
Connectors	Ethernet	RJ-45	
	Micro SD*	SDHC support	
General			
Operating Temperature		-10° - 50°C (14° - 122° F) Humidity: 10% to 90%, No Condensation	
Power Source		PoE	
Power Consumption	Maximum	3.8W	
Weatherproof Standard	Rugged Camera	IP66	
Regulatory		CE, FCC, RoHS Compliant	
Dimension		ø110.2 x 47.7 mm (4.3 x 1.9 inches)	
Weight		180 g (0.40 lbs)	

* mark for optional items