



# Technical Specifications

Camera		1.3M
Image Sensor		1/3" Progressive CMOS
Effective Pixels		1280 (H) x 1024 (V)
Minimum Illumination		TBD
White Balance		Manual / AWB / ATW
Shutter Speed		1 ~ 1/10000 sec.
Lens		
Focal Length		4.0 mm
F Number		F 1.8
Operation		
Multiple Languages		English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Spanish / Japanese / Portuguese
Image Setting	Backlight Compensation	On / Off
	White Balance	Auto / Manual / ATW / Indoor / Outdoor
	Noise Reduction (3D)	On / Off
	Wide Dynamic Range	Shutter WDR (130dB)
	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
Audio	One-way Audio*	Mic in
	Compression	G.711 / G.726
Network		
Interface		RJ-45, 10/100/1000 Mbps Ethernet (Giga Ethernet)
Video Compression		H.264 / MJPEG
Video Streaming	Dual Streams	H.264 720P (50/60 fps) + H.264/MJPEG SVGA (50/60 fps)
	Quad Streams	H.264 SXGA (25/30 fps) + H.264 720P (25/30 fps) + H.264 SVGA (25/30 fps) + H.264/MJPEG CIF(25/30 fps)
Video Resolution		SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @ 50/60 fps (2 Shutter WDR)
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
Event Notification		HTTP / FTP / SMTP
Micro SD		microSDHC 32GB support
Supported Web Browser		Internet Explorer (6.0+)/ Chrome / Firefox / Safari
User Account		20
Password Levels		User and Administrator
Mechanical		
Lens Mounting		M12 Board Lens
Connectors	Ethernet	RJ-45
General		
Operating Temperature		-10°C ~ 50°C (14°F ~ 122°F)
Humidity		10% ~ 90%, No Condensation
Weatherproof Standard		Rugged Type- IP 66
Dimension		∅ 110.2 x 47.7 mm (∅ 4.3 x 1.9 in.)
Weight		180 g (0.4 lb)
Power Source		PoE
Power Consumption		4.2W
Regulatory		CE / FCC / RoHS

(\*) Optional