



Camera		1.3M
Image Sensor		1/3" Progressive CMOS
Effective Pixels		1280(H) x 1024(V)
Minimum Illumination	Color	0.03 lux; 0.01 lux @F1.2 (2 or 4 Shutter WDR)
	B/W	0.005 lux; 0.001 lux @F1.2 (2 or 4 Shutter WDR)
Shutter Speed		1 ~ 1/10000 sec.
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 (2D/3D)	Low / Middle / High / 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
	Privacy Mask Type	Color
ICR	Auto / On / Off	
Tampering Alarm	On / Off	
Audio	Two-way Audio	Line In / Line Out
	Compression	G.711 / G.726
Network		
Interface		RJ-45, 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) or 25/30 fps (4 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
Alarm	Input	1 Set, 5V 10kΩ pull up
	Output	1 Set, Photo Relay Output 300V DC/AC
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		C/CS Mount
LED Indicator		Power / Link / ACT
Connectors	Auto Iris	DC Drive
	Alarm	4 Pin Terminal Block, Pitch 3.5 mm
	Power	DC Jack / 3pin Terminal Block*
	Ethernet	RJ-45
	Analog Video	1.0 Vp-p / 75Ω, BNC
	RS-485*	D+, D-

General	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Humidity	10% ~ 90%, No Condensation
Dimension	125 x 82 x 52 mm (L x W x H) w/o Lens
Weight	330 g (0.73 lb)
Power Source	PoE / DC12V / AC24V*
Power Consumption	5.5W
Regulatory	CE / FCC / RoHS

(*) Optional