



Camera		3M	5M
Image Sensor		1/2.7" Progressive CMOS	
Effective Pixels		2048(H) x 1536(V)	2592(H) x 1944(V)
Minimum Illumination		0.2 lux (Color) 0.02 lux (B/W)	TBD
White Balance		Manual / AWB / ATW	
Shutter Speed		1~ 1/10000 sec.	
Lens			
Lens		Vari-focal / Motorized	Vari-focal / Motorized
Focal Length		3~9 mm	3.6 ~ 9 mm
F Number		F1.2	F1.8
FOV		103.5° (Wide) ; 34.3° (Tele)	100° (Wide) ~ 40° (Tele)
Operation			
Multiple Languages		English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian	
Image Setting	Backlight Compensation	On / Off	
	White Balance	Auto / Manual	
	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	
	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		
Audio	Two-way Audio	Line in, Line out	
	Compression	G.711/G.726	
Network			
Interface		RJ-45, 10/100 Mbps Ethernet	
Video Compression		H.264 / MJPEG	
Video Streaming	Single Stream- 2048 x 1536		Single Stream- 2592 x 1944 / 2048 x 1536
	Dual Streams- H.264 + H.264 / MJPEG Quad Streams- H.264 + H.264 + H.264 + H.264 / MJPEG		
	H.264- 2048 x 1536 (3M)		H.264- 2592 x 1944 (5M) / 2048 x 1536 (3M)
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	
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	