

Versatile H.264 IP Camera WA Series



Item		WA-B
Camera		
Image Sensor	1/2.7" Progressive CMOS	
Effective Pixels	1920(H) x 1080(V)	
Minimum Illumination	Vari-focal / Motorized - 0.2 lux (Color) / 0.02 lux (B/W) Board 2.8 mm ± 4.0 mm - 0.1 lux (Color)	
Shutter Speed	1 - 1/10000 sec.	
Lens		
Lens	Vari-focal / Motorized / Board	
Focal Length	Vari-focal / Motorized - 3 - 9 mm Board - 2.8 mm / 4.0 mm	
F Number	Vari-focal / Motorized - F 1.2 Board 2.8 mm - F 2.0 / 4.0 mm - F 1.5	
FOV	Vari-focal / Motorized - 103.5° (Wide); 34.3° (Tele) Board 2.8 mm - 105° / 4.0 mm - 78°	
Operation		
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Backlight Compensation	On/Off
	White Balance	Auto / Manual / ATW
	3D Noise Reduction	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 / By Schedule
	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 / By Schedule	
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	Dual Streams - H.264 + MJPEG / H.264 + H.264 Quad Streams - H.264*3 + MJPEG / H.264*4	
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	
Frame Rate	Dual Streams - 1080p (30 / 25 fps) + D1 (30 / 25 fps)	
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		
Built-in IR Illuminator*	Working Distance	up to 25 m
	Wavelength	850 nm
	Number of LEDs	24
LED Indicator	Power / Link / ACT	
Connectors	Alarm	4 of 9 Pin Terminal Block
	Power	4 Pin Terminal Block
	Ethernet	RJ-45
	Analog Video	1.0 Vp-p / 75 Ω, BNC
	Audio*	5 of 9 Pin Terminal Block
General		
Operating Temperature	TBD	
Humidity	TBD	
Weatherproof Standard*	IP66	
Dimension	Ø149 x 99.53 mm	
Weight	TBD	
Power Source	DC 12V / AC 24V / PoE+	
Power Consumption	System : max 5W IRLED : max 3.6W / Heater : max 13W / Motorized : max 3W	
Regulatory	CE / FCC / RoHS	

* mark for optional items