

Ultra High Definition IP Camera Z5 Series



Item	Z4SA-5	Z4SF-5
Camera		
Image Sensor	1/1.8" Sony Progressive CMOS	
Effective Pixels	6M (3072x2048)	12M (4072x3076)
Minimum Illumination	Color	TBD
	B/W	TBD
Shutter Speed	1 - 1/10000 sec.	
Lens		
Lens	Vari-focal /Motorized	
Focal Length	3-8mm	
F Number	F 1.2	
FOV	° (Wide); ° (Tele)	
Operation		
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Iris Control*	DC-iris / P-Iris
	Backlight Compensation	On/Off
	White Balance	Auto / Manual / ATW / Indoor / Outdoor
	Noise Reduction	Low / Middle / High / Off (w/ Motion Compensation)
	Binning mode	N/A
	Wide Dynamic Range	Gamma WDR 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
	Digital Image Stabilization (DIS)	On/Off
Audio	Two-way Audio	Line in / Line Out
	Compression	G.711/G.726
Network		
Interface	RJ-45, 1Gbps Ethernet	
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC	
Video Streaming	Single Stream	H.264 6M (3072x2048) @25/30 fps
	Dual Streams	H.264 6M (3072x2048) @25/30 fps + 720P @25/30fps
	Quad Streams	H.264 1080P @50/60 fps + H.264 SXGA @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps
Video Resolution	H.264	6M (3072 x 2048) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
	MJPEG	4K2K (3840 x 2160) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP	
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 50 m
	Wavelength	850 nm
	Number of LEDs	6
LED Indicator	Power / Link / ACT	
Connectors	Alarm	4 Pin Terminal Block
	Power	3 Pin Terminal Block
	Ethernet	RJ-45
	Audio*	1.0 Vp-p / 75 Ω, BNC Stereo phone jack, Ø 3.5 mm
General		
Operating Temperature	-10°C - 50°C (14° - 122°F) w/Heater, powered by DC12V/AC24V/PoE: -40°C - 50°C (-40° - 122° F)	
Humidity	10% - 90%, No Condensation	
Weatherproof Standard*	IP66	
Dimension	Ø 90 x 270 mm (Ø 3.3 x 7.6 in.)	
Weight	940 g (2.07 lb)	
Power Source	DC 12V / AC 24V / PoE	
Power Consumption	System	TBD
	LED	TBD
	Heater	TBD
Regulatory	CE / FCC / RoHS / LVD	

* mark for optional items

Product specification and availability are subject to change without notice.