

Ultra High Definition IP Camera Z5 Series



Item	Z4SA-5		Z4SF-5	
Camera				
Image Sensor	1/1.8" Sony Progressive CMOS		1/1.7" Sony Progressive CMOS	
Effective Pixels	6M (3072x2048)		12M (4072x3076)	
Minimum Illumination	Color	TBD	TBD	
	B/W	TBD	TBD	
Shutter Speed	1 - 1/10000 sec.			
Lens				
Lens	Vari-focal /Motorized		Vari-focal /Motorized	
Focal Length	3-8mm		3-8mm	
F Number	F 1.2		F 1.2	
FOV	° (Wide); ° (Tele)		° (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	Yes	
	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	H.264 4K2K (3840x2160) @25/30fps	
	Dual Streams	H.264 6M (3072x2048) @25/30 fps + 720P @25/30fps	H.264 1080P @50/60 fps + H.264 1080P @25/30 fps Note: 1 of the streamings can be MJPEG	
	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 Note: 1 of the streamings can be MJPEG		
Video Resolution	H.264	6M (3072 x 2048) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	4K2K (3840 x 2160) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
	MJPEG	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		TBD
	LED	TBD		
	Heater	TBD		
Regulatory	CE / FCC / RoHS / LVD			

* mark for optional items

Product specification and availability are subject to change without notice.