



Item		Z8
<b>Camera</b>		
Image Sensor		1/1.8" Sony Progressive CMOS / 1/2.5" Progressive CMOS
Effective Pixels		6M / 5M
White Balance		Manual / AWB / ATW
Shutter Speed		1 - 1/10000 sec.
<b>Lens</b>		
Lens	Stereo Projection Type	1/2.5" Fisheye Lens
Lens Mounting		M12
Focal Length		1.05 mm
F Number		F2.8
FOV		180° @ Full Resolution
<b>Operation</b>		
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish /
Image Setting	Backlight Compensation	On / Off
	White Balance	Auto / Manual
	Noise Reduction	3D On / Off (w/ Motion Compensation)
	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 / LED On / LED Off / Smart IR / Light Sensor	
Audio	Type	Built-in Speaker (Max. 2W Mono) & Microphone or Two-way Audio (Line in / Line out)*
	Compression	G.711 / G.726
<b>Network</b>		
Interface		RJ-45, 1Gbps Ethernet
Video Compression		MJPEG/H.264 Baseline / Main Profile / High Profile / SVC
Video Streaming		Quad Streams
Video Resolution		up to 2048 x 2048 @ 30 fps
Video Windows under ePTZ		4
Video Dewrap Engine		Edge Embedded (Camera Side)
Video Analytic Engine		Edge Embedded (Camera Side)
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		microSDXC 64GB support
Supported Web Browser		Internet Explore (6.0+) / Chrome / Firefox / Safari
User Account		20
Password Levels		User and Administrator
<b>Mechanical</b>		
Built-in IR Illuminator	Working Distance	5 m
	Wavelength	850 nm
	Number of LEDs	6
Connectors	Alarm & Audio	8 Pin Terminal Block, Pitch 2.5 mm
	Power	2 Pin Terminal Block
	Ethernet	RJ-45
<b>All in one Cable*</b>		
Audio I/O		Line in / Line Out
Alarm		4 Pin wire cables
Power	DC 12V	DC Jack
	AC 24V	Power wire cables AC 24V(+), AC 24V (-)
<b>General</b>		
Operating Temperature		-10°C ~ 50°C (14° ~ 122° F)
Humidity		10% ~ 90%, No Condensation
Weatherproof Standard*		IP66
Dimension		∅ 149 x 45.8 mm (∅ 5.87 x 1.80 in.)
Weight		TBD
Power Source		DC 12V / AC 24V / PoE
Power Consumption		TBD
Regulatory		CE / FCC / RoHS

\* mark for optional items

**Preliminary Version**

Product specification and availability are subject to change without notice.