



Item			Z8	
Camera				
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.		
Lens				
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		
Operation				
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		
Tampering Alarm		On / Off		
Audio	Type		Built-in Speaker (Max. 2W Mono) & Microphone or Two-way Audio (Line in / Line out)*	
	Compression		G.711 / G.726	
Network				
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		
Mechanical				
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		
All in one Cable*				
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 (-)		
General				
Operating Temperature		-10°C - 50°C (14° - 122° F)		
Humidity		10% - 90%, No Condensation		
Weatherproof Standard*		IP66		
Dimension		ø 149 x 45.8 mm (ø 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.