
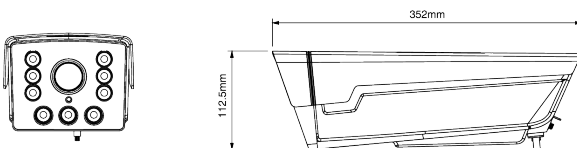


Datasheet: DS-AI8118Z

Product Picture		Hardware			
	Image Sensor	1/1.8" SONY EXMOR Progressive Scan CMOS SENSOR			
	Effective Pixels	3840 × 2160			
	NPU	2 Tops			
	Interface				
	Optical lens	Interfaces	AF		
		Iris	Fixed Iris		
		Focal Length	AF 8-32mm + 6mm lens		
	Audio Talkback	1ch MIC external access, 3.5mm AV interface			
	Audio Output	1ch speaker output, 3.5mm AV interface			
	Network Port	Lan	10/100M BASE-TX, RJ-45 connector		
	RS485	1*RS485 interface			
	Alarm I/O	2ch alarm input, 1ch alarm output			
	Micro SD Card Slot	Max. 128G			
	Product Features:		Audio&Video encoding		
<ul style="list-style-type: none"> * 1/1.8" SONY Exmor CMOS * 8 Megapixel, 3840 × 2160 * AF 8-32mm + 6mm lens, IR distance 100m * Support protocols: PROFILE S, FTP/RTSP/UPNP etc. * Support Audio I/O, dual Alarm in/ single Alarm in out, RS485, SD card slot (128G), RJ45, DC12V 		Video Compression	H.265/H.264/MJPEG		
			H.265 encoding: Main Profile		
			H.264 encoding: High Profile/Main Profile/Baseline		
		Resolution	Main Stream	3840*2160/1280*720, 1~30fps(adjustable)	
			Sub Stream	1280*720/640*480, 1~30fps(adjustable)	
		Video Bitrate	30Kbps ~ 16Mbps, Supports CBR/VBR		
		OSD Settings	Text overlay supported like title, time, date, week, bitrate and etc.		
			OSD location is adjustable		
		Privacy Mask	4 configurable regions		
		Image Orientation	Image Flip and Mirror		
		Auto Image Control Functions	Auto Exposure Control (AEC); Auto White Balance (AWB); Auto Gain Control(AGC)		
		Image Controls	Saturation, Brightness, Contrast, Hue, Sharpness, Gamma, D-WDR		
		Others	Anti Fogging/Anti Trembling/IR Detection/IRIS/		
		Audio Compression	G.711A/G.711U/G.726		
Two Way Audio	Support				
Application Scenarios:		Data transmission and storage			
Supermarket, hotel, airport, office building etc.		Data storage	Video and Image		
		Recording	Auto recording and manual recording (motion & sensor alarm recording, scheduled recording)		
		Alarm output	FTP, E-mail		
		Network protocols	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP		
Order Type:		Wireless protocols(-W)	-----		
DS-AI8118Z		ONVIF Protocols	PROFILE S		
		Remote View	PC	IE 6.0 above	
			User Access	Maximum 5 users	
Outline Dimension:		General Parameters			
		Environmental Casing	Aluminum Alloy Housing, Indoor and Outdoor Applicable		
		Installation	Wall Mounted		
		Operating Temperature	-10 °C ~ 50 °C		
		Operating Humidity	0% -85% RH		
		Power	DC12V		
		POE	Support		
		Power Consumption	<10W		
		Dimension	352mm(L) * 149mm(W) * 112.5mm(H)		
		Weight	2340g		