
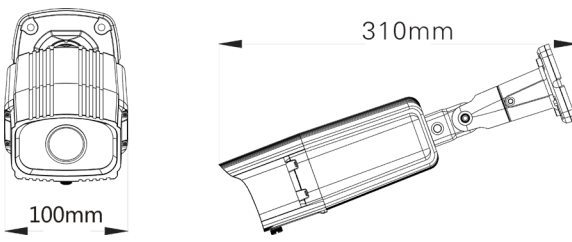


Datasheet: DS-AI8638Z

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	14	
		Iris	Fixed Iris	
		Focal Length	3.6-10mm motorized 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	Max. 128G		
	Product Features:		Audio&Video encoding	
<p>* 1/1.8" SONY Exmor CMOS * 8 Megapixel, 3840 x 2160 * 3.6-10mm motorized lens, IR distance 60m * 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</p> <p><u>Optional</u> Face capture algorithm (support face capture function, support for detecting, tracking, capturing, and screening of moving faces, outputting superior face capture)</p>	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	
Government, intelligent community, hospital, road, transportation, school, prison, military district 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-AI8638Z	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	Ceiling Mounted & Wall Mounted		
	Operating Temperature	-10 °C ~ 50 °C		
	Operating Humidity	0% -85% RH		
	Power	DC12V		
	POE	Support		
	Power Consumption	<12W		
	Dimension	310mm(L)X100mm(W)X70mm(H)		
	Weight	965g		