Product Picture

Product Features:

- ●1/1.8" SONY Exmor CMOS
- ●8.0 Megapixel, 3840x2160
- ●3.6-10 mm (Motorized) lens，0.01 Lux,140dB TWDR
- ●face capture algorithm (support face capture function, support for detecting, tracking, capturing, and screening of moving faces, outputting superior face capture)
- ●Support protocols：PROFILE S，GB/T28181，FTP/RTSP.UPNP etc.
- ●Support three Stream, Mobile Surveillance, Heartbeat Mechanism, 3D-DNR, Defogging, D-WDR, Lens Correction, Corridor Monitoring etc.
- ●built-in Mic, Support Audio I/O, dual Alarm in/ single Alarm in out, RS485, SD card slot(128G), RJ45,DC 12V

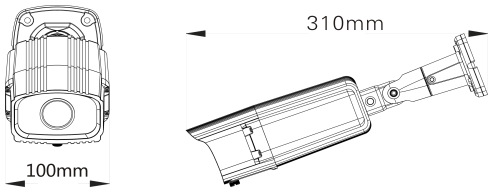
Application Scenarios:

Government, intelligent community, hospital, road, transportation, school, prison, military district etc.

Order Type:

DS-AI8638Z

Outline Dimension:



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	3.6-10 mm (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

Audio&Video encoding		
Video Compression		H.265/H.264/MJPEG
		H.265 encoding: Main Profile
		H.264 encoding: High Profile/Main Profile/Baseline
Resolution	Main Stream	3840*2160/2592*1944/1920*1080; 1~30fps(adjustable)
	Sub Stream	1920*1080/640*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 Blance (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

Data transmission and storage		
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
Wireless protocols(-W)		----------
ONVIF Protocols		PROFILE S
Remote View	PC	IE 6.0 above
	Mobile Phone	----------
	User Access	Maximum 5 users

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	<3.5W
Dimension	310mm(L)X100mm(W)X70mm(H)
Weight	965g