Datasheet: DS-AI6372ZRH

Product Picture

AI

Hardware

Image Sensor	1/1.8" SONY EXMOR Progressive Scan CMOS SENSOR
Effective Pixels	1920(H)×1080(V)
NPU	1.2 Tops

Interface

Optical lens	Interfaces	φ14
	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

Product Features:

◎ 1/1.8" SONY Exmor CMOS

◎ 2.0 Megapixel，30fps@1920*1080

◎ 3.6-10 mm (Motorized) lens, IR distance 30m, 140dB TWDR

◎ 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, DC12V

Optional

Face capture algorithm (support face capture function, support for detecting, tracking, capturing, and screening of moving faces, outputting superior face capture)

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	1920*1080/1280*720; 1~30fps(adjustable)
	Sub Stream	704*576/640*480/640*352/320*240; 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

Application Scenarios:

Supermarket, hotel, airport, office building etc.

Data transmission and storage
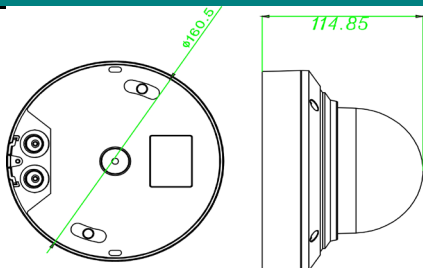
Data storage	Video and Image
Recording	Auto recording and manual recording (motion & sensor alarm recording, scheduled recording)
Alarm output	FTP, E-mail
Network protocols	TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UPNP
Wireless protocols(-W)	---
ONVIF Protocols	PROFILE S
Remote View	PC	IE 6.0 above
	Mobile Phone	---
	User Access	Maximum 5 users

Order Type:

DS-AI6372ZRH

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	<3.5W
Dimension	161mm(Φ)x115mm(H)
Weight	965g