AresX™ Monitor Equipment
2MP Smart Face Capture Camera

Equipped with Hermesys AresX™ 'self-developed embedded AI computer vision processor – Sunrise, the smart face capture camera is able to efficiently locate, capture and track 200 human faces from 1080p video stream at 30 fps in real-time. With its high capture rate (>99%) and low false capture rate (<0.7%), this camera can be applied to various surveillance scenarios such as public transport, pedestrian pathway, access control and event security.

Features & Advantages

2 mega pixel high resolution, full HD1080p up to 30 fps.

Detection, capture and tracking of up to 200 human faces simultaneously in real-time.

High capture rate (>99%) & low false capture rate (<0.7%).

Face-based image quality adjustment.

Support POE power supply.

SPECIFICATIONS

Processor	AI Processor	Sunrise
Camera	Image Sensor	1/1.8" progressive scan CMOS
	Min. Illumination/Colour	0.001 Lux @ (F1.2, AGC ON)
	Min. Illumination/Black & White	0.0001 Lux @ (F1.2, AGC ON)
	Shutter Speed	1/25s ~ 1/10000s
	Day & Night	IR cut filter
	Lens Mount	C/CS mount
	SNR	≥ 50 dB
	Output	PAL/NTSC adjustable
	WDR	100 dB DWDR
	Slow Shutter	Support
	Image Enhancement	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser

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Camera	OSD Overlay	Support
Compression Standard	Video Compression	H.265 Main profile, H.264 Baselin, Main profile, MJPEG, High profile
	Frame Rate	50Hz : 25fps (1920*1080, 1280*960, 1280*720) 60Hz: 30fps (1920*1080, 1280*960, 1280*720)
	Max Resolution	1920*1080
	Video Bit Rate	32Kbps ~ 16Mbps
Network	Protocols	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, FTP
	Standard	ONVIF
	User Permission	User authentication, Watermark, IP address filtering, Anonyous access
Face Capture	Facial Capture	200 maximum facial capture per frame
	Face Minimum Pixel	40*40, 60*60, 80*80 @ 1080p
	Capture Rate	> 99%
	Frontal View Rate	> 98%
	Recapture Rate	< 150%
	False Capture Rate	< 0.7%
	Multi-attribute Recognition	Identify the age and gender of faces
Interface	Communication Interface	1 RJ45 10M/100M Ethernet port
	Reseet Button	Yes
General	Operating Conditions	-20ºC ~ 60ºC, Humidity ≤ 95% (non-condensing)
	Power Supply	12 V DC ± 10%, PoE (802.3af)
	Power Consumption	Max. 6 W
	Dimension (mm)	70.99 (W) * 80.67 (H) * 147.8 (L) mm (without lens)
	Weight/Set	405 g +

71.0 mm

80.7 mm

147.8 mm