

FI320

2MP Face Recognition Network Box Camera



- 1/2.8" 2MP STARVIS Sensor
- H.265 Triple-stream Encoding
- Embedded Face Recognition Algorithm
- 3,000 Face Templates Storage Capability On-camera
- Audio/Alarm in and out
- Micro SD Memory, PoE
- Support SMB Deployment and White/Black List Access Control
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView Pro)



System Overview

The ZKTeco 2MP Starlight Face Recognition Camera offers Artificial Intelligence at the edge – performing complex real-time facial recognition and facial feature comparison without the need for an external database. The camera perfectly provides accurate recognition result and further white/black list application. Meanwhile benefit by outstanding Sony STARVIS sensor and ISP optimization, it's capable of balancing light throughout the scene and promising crystal clear images in dark environment. Cloud function is built-in for every device, which is more convenient and flexible for real-time and remote viewing from APP and VMS.

Functions

H.265+

Delivering high quality video with up to 70% bandwidth saving. H.265+ is the evolutionary optimization of H.265 and traditional H.264. The Smart H.265+ includes a series of scene-adaptive encoding strategies such as Dynamic ROI, flexible multi-frame reference structure and smart 2D&3D noise reduction.

IVA (Intelligent Video Analysis)

IVA is a built-in video analytic algorithm that detects object behaviors in a specific area, such as Tripwire violations, intrusion detection, abandoned or missing objects, and the number of targets enter and exit. A camera with IVA will deliver quickly and accurately responds to monitoring events that makes surveillance more intelligent and efficient.

Technical Parameters

Camera

Model	FI320	Effective Pixels	1920(H)* 1080(V)
Image Sensor	1/2" 2MP STARVIS Sensor	Flash/DDR	1GB/4GB
Electronic Shutter Speed	Auto/Manual, 1/5~1/100000s	S/N Ratio	More than 52dB
Min. Illumination	0.01Lux@F1.2(color) 0.001Lux@F1.2(B/W) 0 Lux with IR on	IR Distance	N/A
		IR LED No.	N/A

Lens

Lens Type	Independent	Mount Type	C/CS
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Video

Compression	H.265+/H.265/H.264	WDR	120dB
Resolution	1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720) D1(720*576)Q720P(640*360)/CIF(352*288)	Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR	White Balance	Supported
Bit Rate	1792Kbps~8Mbps	Defog	Supported
Streaming	3 streams	Noise Reduction	2D/3D DNR
Frame Rate	Main stream: 1920*1080 (1 ~ 25/30fps)	Mirror	Off / On, 0°/90°/180°/270°
	Sub stream: 720*576 (1 ~ 25/30fps)	BLC	Supported
	Thrid Stream: 1280*720(1 ~ 25/30fps)	ROI	Support 4 fixed region for main stream and sub stream separately
Digital Zoom	12x	Anti-flicker	Supported
Audio Compression	G.711u	Privacy Mask	5 Areas

I/A Alarm

Video Detection	Motion Detection, Video Tampering	I/A	Tripwire/Intrusion/Object Left/Missing/Target Counting /Sound Detection/Fire Detection/Scene Change/VQD
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Face Recognition

Face Templates Storage Capacity	3,000 images	Face Quality Filtering	Supported
Face Detection QTY	Detection of 30 face targets at the same time	Detect Area	Support specified area, default is full screen
Detected Face Size	Face pixel ≥60*60	Privacy Mask	4 areas
Capture Response	≤300ms	Trigger Mode	Video Trigger

Network

Protocols	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP	Web Browsers	IE/Firefox/Chrome/Safari
Onvif	Onvif Profile S	VMS	AntarVis 2.0
Max. Online Users	5	Mobile App	AntarView Pro
		Platform	Mac OS/ Windows/iOS/Android

I/O port

Ethernet	1 RJ-45 port (10/100Mbps)	Reset Button	Supported
Audio I/O	1/1	TF Slot	Support Max 128G, Micro SD(SDHC /SDXC)local storage
Alarm I/O	2/1	USA	USB2.0
RS485	Supported		

F1320

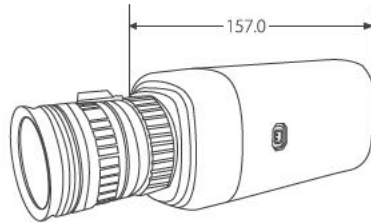
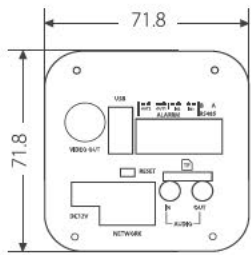
General

Power Supply	PoE, IEEE802.3af	Working Humidity	0%-90%
	DC12V±10%		Dimensions
Power Consumption	< 3W	Net Weight	0.8KG
Working Temperature	-20°C ~ 55°C	Gross Weight	0.9KG

Ordering Information

Type	Part Number	Description
Face Recognition Camera	F1320	2MP, C/CS BOX Face Recognition Camera

Dimensions (mm)



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