FI320

| BioUltra Series| 2MP Professional Face Recognition Box IP Camera

ZKTeco

- · 1/2.8" 2MP Sony STARVIS CMOS sensor
- · H.265+ triple stream encoding
- · Built-in PoE
- · Embedded face recognition algorithm
- · 2,000 Face templates capacity storage on camera
- · Support White/Black list alarm deployment
- · Intelligent video analytics function supported
- · Multiple web browsers supported
- · Support remote viewing by Mobile Application/VMS
- · Metal casing

2MP | 3D DNR

System Overview

The BioUltra series 2MP Starlight Facial Recognition Cameras offer computer vision technology at the edge-performing complex real-time facial recognition and facial feature comparison without the need for an external face database.

With embedded face recognition algorithm, the cameras could accurately capture and recognize faces comparing to the face templates in database. It also supports White/Black list event alarm deployment in different scenarios.

Meanwhile, benefited from outstanding Sony STARVIS sensor and ISP optimization, it's capable of balancing light throughout the scene and promising crystal-clear images in dark environment.

The cameras also support multiple industry-leading Intelligent video analytic functions, such as Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, etc. for smart event alarms.

Cloud function is built-in for every device which is more convenient and flexible for remote real-time viewing. Th BioUltra series IP cameras also supports registration of face templates remotely from the mobile Application AntarView Pro which provides great convenient user experience.

Functions

H.265+

H.265+ technology is an evolutionary optimization of the H.265 and traditional H.264, it includes a series of encoding strategy such as dynamic ROI, smart 2D&3D noise reduction, etc, for delivering high quality video, as well as greatly saving up to 70% bandwidth and storage.

Protection

With precise mechanical and rugged metal casing design, BioUltra series IP cameras could stand against water and dust with industrial IP67 rank.

Supports ±10% input voltage tolerance, the cameras could work safely in extreme unstable power conditions.

With working temperature range -30°C to +60 °C, the cameras could be used in a variety of harsh outdoor environments.

Technical Specifications

Camera				
Model	FI320	Flash/DDR	1Gb/4Gb
Image Sensor	1/2.8" Sony Starvis CMOS	IR LED No.	N/A
Effective Pixels	1920* 1080	IR Distance	N/A
Min. Illumination	Color: 0.001Lux@F1.7（AGC ON）	S/N Ratio	> 52dB
Lens			
Lens Type	Independent	Aperture	N/A
Mount Type	C/CS	FOV	N/A
Focal Length	N/A	Optical Zoom	N/A
Video			
Compression	H.265+/H.265/H.264	WDR	TWDR
Resolution	1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720) Q720P(640*360)/CIF(352*288)	Day/Night	Support
Bitrate Control	CBR/VBR	White Balance	Support
Bitrate	H.265+:1536Kbps-7Mbps H.265:1536Kbps-7Mbps H.264:1792Kbps-9Mbps	Defog	Support
Multi-Streaming	Main Stream:1080P@25fps	Noise Reduction	3D DNR
	Sub Stream: Q720P@25fps	Mirror/Flip	Support
	N/A	Corridor Mode	Support
Motion Detection	Support	HLC	Support
Digital Zoom	Support	BLC	N/A
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	5 areas	Anti-flicker	Support

IVA	
Intelligent Video	Face Recognition/Line Crossing/Intrusion/Object Left/Lost/Counting/ Video Shelter/Scene change/Audio Detection/Fire Detection/VQD

Facial Recognition			
Face Templates	2000	Face Quality Filtering	Support
Face Detected per Frame	30	Detection Area	User-defined
Detected Face Size	60x60 ~ 300x300 Pixels	Capture Response	≤1s

Network			
Protocol	TCP/IP,UDP,HTTP,DHCP,RTSP,DDNS,NTP,PPPoE,UPnP,SMTP	Management Software(VMS)	AntarVis 2.0
Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users	5	Mobile APP	AntarView Pro
Web Browser	IE/Firefox/Chrome/Safari	P2P Cloud Service	Support

Note: Video streaming is not available for Firefox/Chrome/Safari.

Interface			
Ethernet	1 RJ-45 port(10/100Mbps)	Reset Button	Support
Audio I/O	1 in / 1 out	Micro-SD Slot	Max 128GB
Alarm I/O	2 in / 2 out	ANR	Support
RS485	Support	USB	Support

General			
Power Supply	PoE (IEEE802.3af), DC12±10%	Working Temperature	-30°C ~ +60 °C
Power Consumption	< 3W	Working Humidity	10% ~ 90%
Ingress Protection	IP 67	Net Weight	0.8KG
Dimensions	157 (L)*71.8(W)*71.8(H)mm	Gross Weight	0.9KG

Order Information

Type	Model	Description
2MP Camera	FI320	2MP C/CS Lens Face Recognition Box IP Camera

Dimensions