



FACE RECOGNITION CAMERA

XEN-AICAM-BRC8

Applicable Scenarios :

The equipment is mainly used for park entrances and exits, campus attendance, scenic area access, hotel visitors, banks, stations, retail stores and other scenarios.

Product Description :

1. 1/1.8" 4 million pixel CMOS sensor.
2. Embedded intelligent deep learning face algorithm: It can extract target features by itself and form deep face images that can be learned.
3. Supports multiple face capture modes: recognition priority mode, fast, interval, after leaving and other face capture modes; the number of captures can be set.
4. Supports up to 32 face detections per frame, 100,000 face records, and 50,000 face databases.
5. Supports uploading face pictures, humanoid pictures and original pictures; picture encoding quality can be set.
6. Supports whitelist, blacklist, VIP list management.
7. Supports infrared / full color / dual light mode, support PWM dimming.
8. Supports standard ONVIF, GB28181, HIK, DH and other private protocols.
9. Supports electric zoom (optional), automatic aperture (optional).
10. Provides SDK development kit, supports secondary development, and supports CGI, HTTP, WEBSOCK protocol docking.
11. Supports AIISP image enhancement to enhance low-noise effect.
12. Supports Google Kernel Browser without plug-in.

Product Specifications

Main control chip	Hi3516DV500, ARM Cortex A55@850MHz Dual core
Sensor	400W 1/1.8 IMX664 black light level CMOS sensor, color: 0.0001Lux@F1.0, black white: 0.0001Lux@F1.0
Watchdog	Hardware watchdog
Wide dynamic range	120 dB

Image Parameters

Main stream frame rate resolution	30 fps@ (2592 ×1520, 2560 ×1440, 1920 ×1080)
Substream frame rate resolution	30 fps@ (704×576, 640×480)
Three-stream frame rate resolution	30 fps@ (704×576, 640×480)
Video compression standards	H.265+/H.265/H.264
Video compression bit rate	512 Kbps~32 Mbps
Character & watermark overlay	Support
Shutter	1/12S ~ 1/100000S
Noise reduction	3D/2D noise reduction
Wide dynamic range	Support digital wide dynamic range
Auto iris	Support DC IRIS automatic iris
AIISP	Support AISP image enhancement
Image function	Supports backlight compensation, strong light suppression, mirroring, flipping, gain and other functions

Network Connection

Simultaneous preview of channels	Maximum 12 channels
Network protocol	Supports CGI, HTTP, HTTPS, GB28181, SIP, RTMP, TCP/IP, UDP, RTP, FTP, RTCP, RTSP, NTP, DHCP, DNS, DDNS, SNMP, SSL/TLS, WebSocket and other network protocols, and supports ONVIF and other standards protocol
Browser	Use plug-in preview: IE10, IE11 Use plug-in-free preview: Edge, Chrome, Firefox and more

Auxiliary Interface

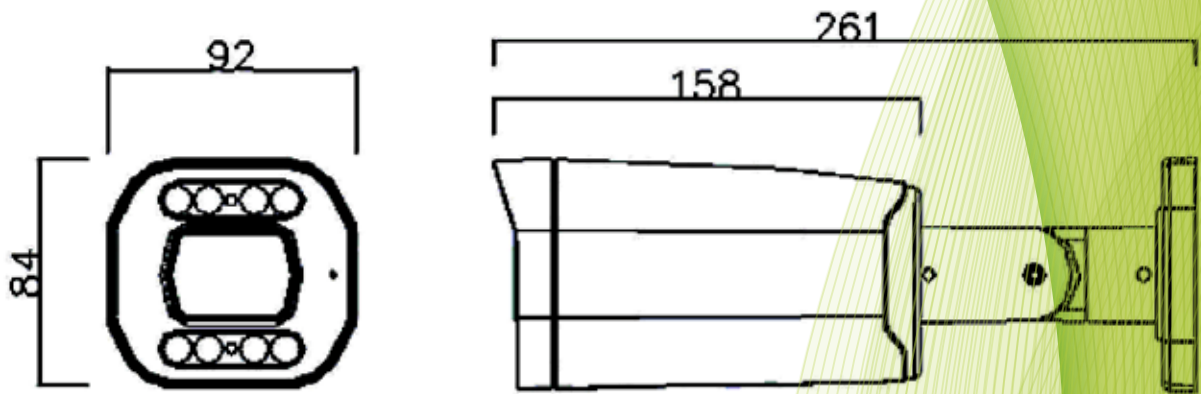
Network	1 RJ45 Ethernet port, 100M/1000M adaptive
Power	DC5.0*2.1
Output	1 relay NO, 3.81mm-2P terminal block
Mic	Built-in microphone (optional)
Speaker	Built-in 2W speaker (optional)

Professional Intelligence

Capture mode	Face capture mode: quick, interval, after leaving, etc.; the number of captures can be set
Face capture pixels	Support face detection between 30*30-700*700 pixels
Face exposure	Support
Picture information	The image adopts JPEG encoding format and supports uploading of face images and original images; the encoding quality of face images can be set
Upload method	Private protocol, FTP, HTTP
Face storage	Supports up to 50,000 face databases

Physical Properties

Product size	149mm*65mm*63mm
Product weight	0.98kg
Working temperature	-20°C~+60°C
Power supply and power consumption	DC12V power input, 6W (MAX) power consumption



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