

BioCam 300

Embedded Face Recognition IP Camera



Description

Biocam300 is an embedded facial recognition high definition IP camera, with 4pcs of array IR LEDs, it can realize day & night real-time monitoring. Adopts ZK embedded high integrated facial recognition module and relatively long distance face recognition algorithm, it can support 1.5m to 2.5m range facial recognition suitable for different users' heights. BioCam300, with remote control, has a high definition full color display screen to show face registering information, face recognition result and real-time monitoring video. The operation is very simple and the interface is user friendly.

With dual CPU framework, camera can accomplish register, recognition and storage standalone to keep high speed data transmission. It can support 400 faces registration and recognition while real-time monitoring. Biocam300 is a three-in-one solution including video surveillance, time & attendance and single channel access control management. It can be applied in many higher security areas such custom, airport, building, bank, supermarket, hotel, gambling house, VIP club, turn style, parking lots and etc.



Key Features

High resolution

Biocam300 support 1 megapixel resolution, suitable for all kinds of environments under all light conditions.



7 inch HD LCD for information display

With high definition LCD to show face registering information, face recognition result and real-time monitoring video, it will bring nice experience for users.



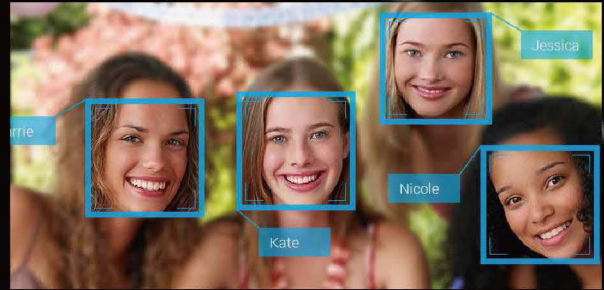
Remote control for easy operation

All the functional operations are performed via the remote-control including face registering and recognition. It has excellence user experience.



Latest long distance facial recognition algorithm

Adopts newest version of ZK long distance face recognition algorithm, Biocam300 can support 2.5m to 4m range facial recognition suitable for different users' heights



Time & attendance function is supported

Biocam300 can support 400 faces registration and recognition and 100,000 logs for standalone time and attendance function, it is suitable for many difference application areas such as office, supermarket, chain store, enterprise and etc.



Single channel access control management

With face recognition technology, the Biocam300 has relay output for direct electric lock control. It can be applied in variously higher security environments such as government, bank, custom, VIP club, gambling house, turn style and etc.





Technical Specification

Model BioCam 300
Product Name Embedded face recognition IP camera

Camera Performance

Image Sensor 1/3" WDR progressive CMOS
Image Resolution 1280x720
Minimum Illumination 0.5 Lux (IR off) , 0 Lux (IR on)
Day & Night Automatically IR-cut filter
SNR ≥60db(AGC OFF, Weight On)
Lens 4 mm fixed lens
IR Distance IR distance : 5~7 m; 84°project angle

Face Recognition

Face Capacity 400
Verification Speed ≤ 1s
Template Capacity 12 template /Face
Logs Capacity 100,000
Camera Dual Camera
Display 7 inch LCD
Audio Output 1 channel line output

Video

OS Embedded Linux
Video Compression H.264 main profile level 3
Video Resolution Main Stream: 1280x720
Second Stream: 352 x288
Code Stream 32K~10240kbps
Frame Rate NTSC: 1~30; PAL: 1~25
Image Setting Brightness , saturation, contrast,
chroma , gain , flip vertically/horizontally

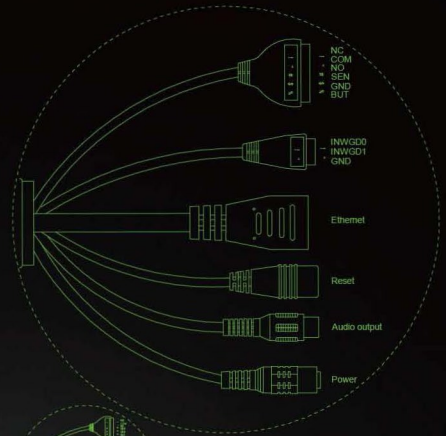
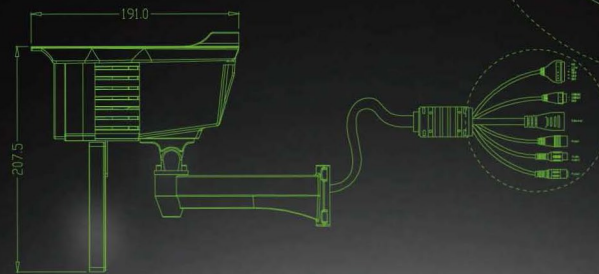
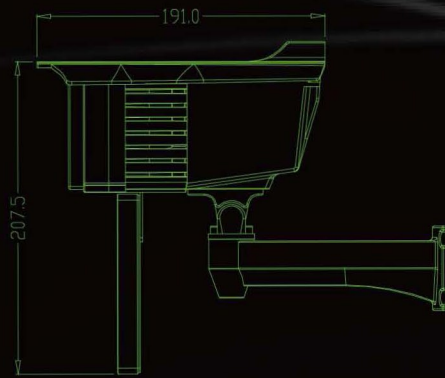
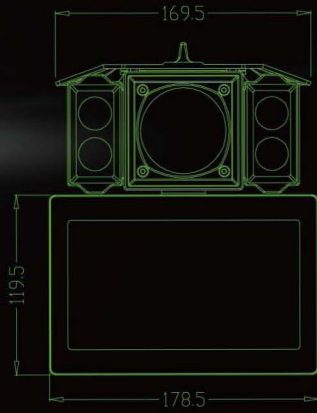
Function & Port

Control Remote Control
Time and Attendance Yes
Access Control Simple access control function (door sensor,
exit button, 3rd party electric lock, wiegand input)
Communication TCP/IP
Motion Detection Independent detection areas settable
Storage Support TF card, up to32G
Network Interface 10Base-T/100Base-TX Ethernet interface
Supported Protocol TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, DNS, DDNS, NTP,
UPNP, RTSP/RTCP/RTP,ONVIF

Working Conditions

Power Supply DC 12V / 1.5A
Power Consumption 13W
Working Temperature -10°C~ 50°C

Product Dimension



Application



Custom



Airport



Building



Bank



Supermarket



Hotel



Gambling house



VIP club



Turn style



Parking lots