

BioCam 300



Biocam300 is an embedded facial recognition high definition IP camera, with 4pcs of array IR LEDs, it can realize day and night real-time monitoring. Adopts HS 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 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 and 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, turnstile, parking lots, etc.

Key Features

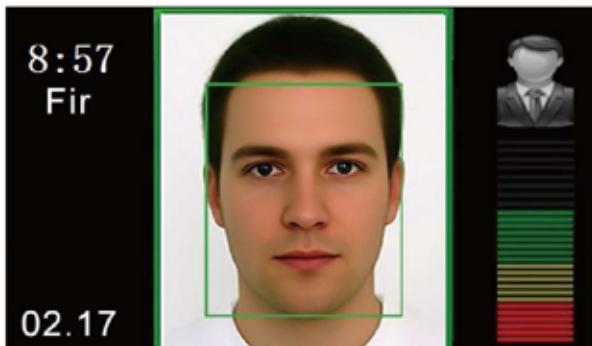
High resolution

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.



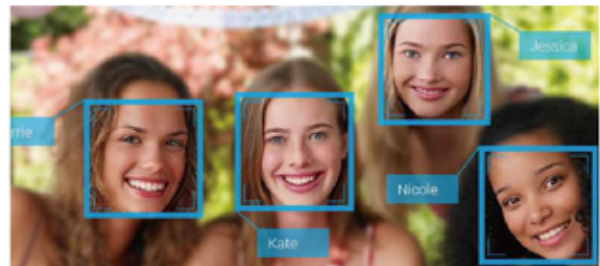
Remote Control for easy operation

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 HS long distance face recognition algorithm, Biocam300 can support 2.5m to 4m range facial recognition suitable for different users heights.



Time and attendance function

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



Single channel access control management

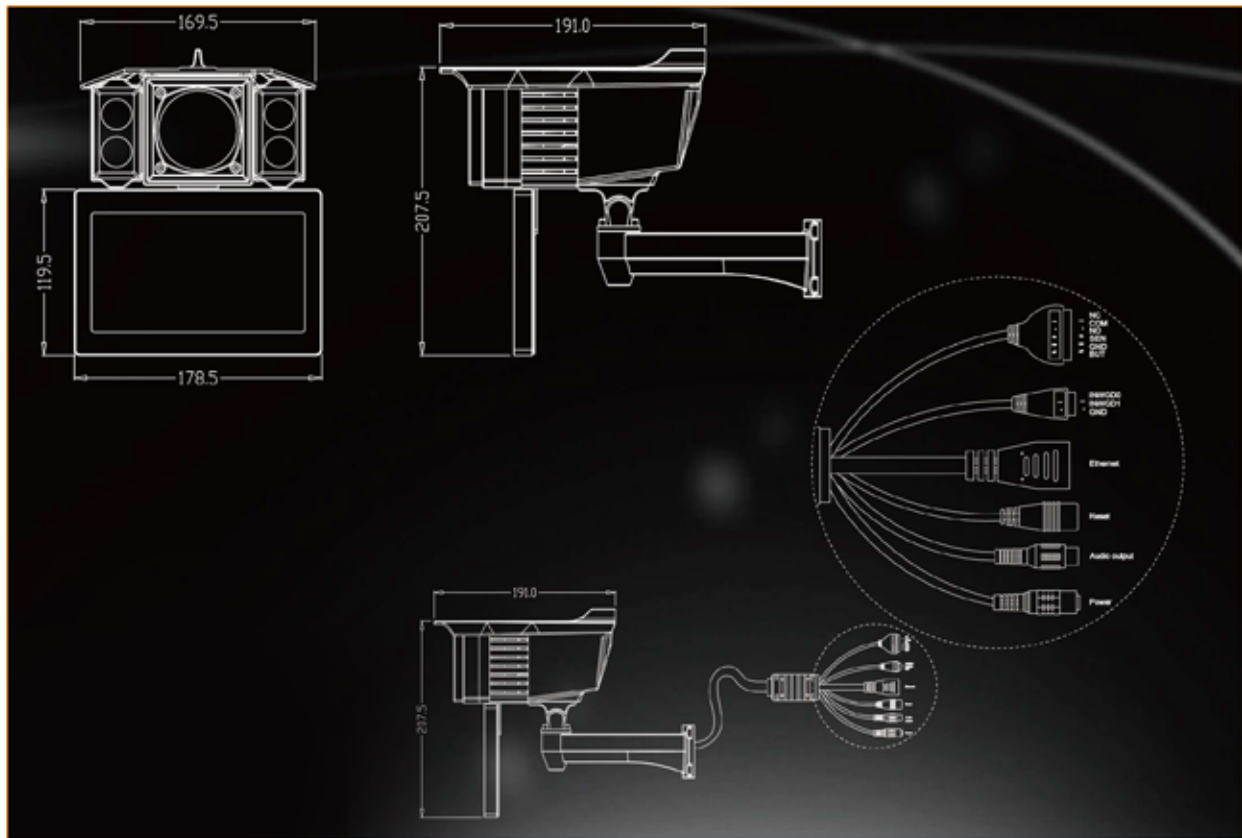
With face recognition technology, the Biocam300 has relay output for direct electric lock control. It can be applied in variously higher security environments such as government, bank, custom, VIP club, gambling house, turnstile, etc.



Technical Specification

Model	Bio-Cam 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), 0Lux (IR on)
Day & night	Automatically IR-cut filter
SNR	>=60db (AGC OFF, Weight On)
Lens	4mm fixed lens
IR Distance	IR Distance: 5~7m, 84° Project angle
Face Recognition	
Face Capacity	400
Verification Speed	<=1s
Logs Capacity	100,000
Camera	Dual Camera
Display	7 inch LCD
Audio Output	1Channel line output
Video	
OS	Embedded Linux
Video Compression	H.264 main profile level3
Video Resolution	Main Stream: 1280x720 Second Stream: 352x288
Code Stream	32K~1024kbps
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, weigand input)
Communication	TCP/IP
Motion Detection	Independent detection areas settable
Storage	Support TF card, up to 32G
Network Interface	10 Base-T/100Base-TX Ethernet Interface
Supported Protocol	TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP/RTSP/RTCP/RTP, ONVIF
Working conditions	
Power supply	DC12V / 1.5A
Power consumption	13W
Working Temperature	-10°C~50°C

Product Dimension



Application



Custom



Airport



Building



Bank



Supermarket



Hotel



Gambling house



VIP club



Turnstile



Parking lots