BioCam 300
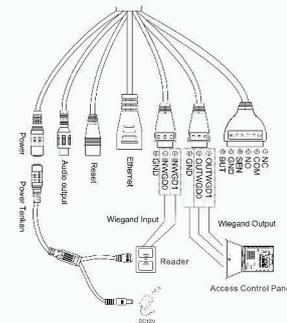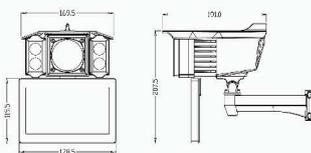## Embedded Face Recognition IP Camera

Features

- High resolution, up to 1 megapixel for network camera
- Dual H.264 Streams
- Supports WDR function
- Maximum standalone capacity of 400 users and 100,000 logs
- 7 inch LCD for message and menu display
- Remote control for easy operation
- Built- in array IR LED light for night vision
- Local face detection, capture, registration, & recognition
- Relay output designed for direct electric lock control
- Supports T&A and A&C function

Megapixel	Face Identification	Security Linkage	Time Linkage	Day & Night	Mobile View	ONVIF

Biocam300 is an embedded facial recognition high definition IP camera. With 4pcs of array IR LEDs, it can utilize day & night real-time monitoring. With ZK embedded high integrated facial recognition module and relatively long distance face recognition algorithm, it can support 2.5m to 4m range facial recognition suitable for different users' heights. BioCam300, remote control included, 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, the camera can accomplish standalone registration, recognition, and high-speed data transmission storage. It can support 400 face registrations and recognition while simultaneously 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 high security areas such as: customs, airports, buildings, banks, supermarkets, hotels, casinos, VIP clubs, turn styles, parking lots etc.

Product Dimension Figure

Wire	Function
1.Red	VCC+(6-14V)
2.Black	GND
3.Green	Wiegand D0
4.White	Wiegand D1
5.Grey	Green LED
6.Purple	Beeper

Specifications

Camera Performance	
Image Sensor	1/3" WDR progressive CMOS sensor
Image Resolution	1280x720
Day/Night Mode	Automatic IR-cut filter
Lens	6mm fixed lens
Minimum Illumination	1 Lux (IR lamp off); 0 Lux (IR lamp On)
IR Distance	8~10m valid
Projection Angle	60°
Motion Detection	Detecting area that can be set to any shape
Face Recognition	
Camera	High-resolution infrared and color camera
IR	2 infrared lamps that can be automatically turned on during face recognition
Display	7-inch LCD that is used to display the image area of face recognition
Remote Control	Supports
Loudspeaker	Supports
Dormant Function	Dormant function when no face image is detected
Audio Output	1 linear output
Logs Capacity	100000
Facial Capacity	400
Video	
Operating System	Embedded linux
Video Compression Algorithm	H.264 main profile level 3
Video Compression	Main stream: 720P@1536~10240kbps; Secondary stream: D1@768~4096kbps
Video Resolution	Main stream: 720P@1280x720; Secondary stream: D1@704*576
Frame Rate	PAL: 1~25 frames optional / NTSC: 1~30 frames optional
Image Setting	Brightness, saturation, contrast, chroma, gain,exposure, flip image vertically / horizontally and night vision mode adjustable
Function & Port	
Reset	Supports
Storage	Suports TF card, up to 32 GB.
Access Control	Simple access control function (door sensor, exit button, 3rd party electric lock, wiegand input , wiegand output)
Network Interface	10Base-T/100Base-TX ethernet interface
Network Protocols	TCP/IP, HTTP, TCP, UDP, ARP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP,ONVIF, P2P and so on.
Working Conditions	
Power Supply	DC 12V, ≥1.5A
Power Consumption	≤15W
Working Temperature	-10~ +50 ºC
Working Humidity	10 ~ 80%RH
Installation Mode	Wall-mounted, ceiling mounted, floor mounted
Gross Weight/Net Weight	2.6KG/1.55KG