

BioFace-T5

5" Face Recognition Access Control
Terminal (Built-in IC Card & Wifi Module)



NEW ATTENDANCE METHOD



Proactive Facial
Recognition



New Height of
Anti-Spoofing



Speedy
Recognition



Touchless for
Better Hygiene



High-capacity



Face Recognition
Accuracy



Easy management



Offline work

Main Features:

- Support real time liveness detection
- Support for human face tracking exposure in strong backlight
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- Using Linux operating system, better system stability
- The camera uses H.265 Main Profile encoding, compatible with NVR and other storage devices through the ONVIF/GB28181 protocol
- Mean time between failures MTBF>50000H
- Rich interface protocol, support TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocol, support Windows/Linux
- Support 10,000+ face matching library and 60,000 face recognition records
- Operating temperature: -30 °C - +60 °C
- Outdoor IP42 waterproof and dust proof
- Support tamper alarm
- Built-in IC Card & Wifi module
- Support microphone input audio, speaker output audio
- Rich hardware interface (I/O, WG26, WG34, RJ45, Door sensor, Doorbell, Open door, Alarm, RS485)
- 5-inch IPS full-view HD display, no streaking and delay
- Support automatic gain control and automatic white balance
- Built-in video monitoring dedicated black light level sensor
- The device supports local login to manage, query, and configure
- The device supports connect to an external access control host or Wiegand reader through the international standard Wiegand
- Support mobile phone monitoring
- 3D noise reduction and fog-passing technology makes the monitoring picture under low illumination more clear and delicate
- Support code stream and I frame interval setting
- Support video area partial blocking
- Support ROI coding
- Support automatic white balance and manual white balance
- Support setting maximum exposure time
- Support 2D noise reduction, 3D noise reduction
- Support recording schedule time period and upload mode setting
- Support video brightness, contrast, hue, saturation, gamma adjustment
- Support setting the maximum auto exposure time
- Support face intelligent exposure, face smart enhancement settings

Hardware	
Processor	Dual Core Processor + 1G memory + 8G EMMC
Operating system	Linux Operating system
Storage	Support TF card storage
Viewing angle	Vertical viewing angle: 30°, Horizontal viewing angle: 30°
Sensor	1/2.8" Progressive Scan CMOS
Lens	6mm
Speaker	Voice playback content can be customized
Performance	
Recognition height	1.2~2.2 meters, angle adjustable
Recognition distance	0.5~1.5 meters, depends on lens
Recognition time	Less than 0.5 seconds
Storage capacity	80,000 capture records
Face capacity	10,000pcs
Support card type	13. 56MHz, support Mifare S50, S70 card, ultralight card, NTAG card, DESFire D21, D41, D81, contactless CPU card
Wifi module	IEEE 802.11b/g/n standard, 2.4Ghz frequency band
Interface	
Power out	DC12V/2A
Network interface	1 RJ45 10M / 100M adaptive Ethernet port, Gigabit Ethernet port can be customized
Wiegand interface	1ch Wiegand interface input/output
Alarm interface	1ch alarm interface
Door sensor interface	1ch magnetic interface
Open interface	1ch open door interface

Doorbell interface	1ch doorbell interface	
Lock interface	1ch lock interface	
Communication interface	1ch RS485 interface	
Camera		
Camera	Dual cameras	
Effective pixels	2MP, 1920*1080	
Min Illumination	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)	
SNR	≥50db(AGC OFF)	
WDR	120db, ISP algorithm face partial exposure	
Image	Main Stream	50Hz: 25fps (1920×1080,1280×720)
		60Hz: 30fps (1920×1080,1280×720)
	Sub Stream	704*576, 25 frames/second, 640*480, 25 frames/second, 352*288, 25 frames/second
Function		
Web side configuration	Support	
Remote upgrade	Support	
Regular		
Operating temperature	-30°C +60°C	
Working humidity	0~90% relative humidity, no condensation	
Salt spray	Level Rp6 or above	
Antistatic	Contact ±6KV, air ±8KV	
Power	DC12V/2A	
Waterproof	IP42	
Power	15W(MAX)	
Equipment size	205(L) * 95 (W) * 24.5(T) mm	
Screen size	5 inches IPS HD screen	