DS-K1T604 Series

Face Recognition Terminal

DS-K1T604 series Face Recognition Terminal adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: 1:N face picture match, IC card authentication, etc. Face Recognition Terminal can apply to the scenarios of buildings, businesses, financial industries, and other important areas.

AVAILABLE MODELS

DS-K1T604M

DS-K1T604MF

Note: F represents that the device contains optical fingerprint module. M represents the device supports swiping Mifare card.

MAIN FEATURES

- Wall mounting
- 7-inch LCD touch screen to display operation interface, etc.
- Screen ratio: 16:9; Screen resolution: 1280p × 600p
- 2 MP wide-angle dual-lens
- WDR
- QR code
- Face recognition distance: 0.3 m to 1 m; Suggested person height for recognition: 1.4 m to 1.9 m
- High performance processor with deep learning algorithm
- Max. 10000 face pictures
- Multiple authentication modes: authentication by comparing face picture, by swiping card and comparing face picture, by custom mode, etc.
- Accurate and fast face recognition function. The face recognition duration is no more than 0.5s per person and the face recognition accuracy rate is more than 99%
- Applies face picture data and card data to the device via TCP/IP or uploading them to the device via the USB flash drive

- Stand-alone operation
- Transmits and saves the comparing results and the captured face pictures to the client software or others
- Device management, log search, and parameter settings via the device.
- Imports the data (face pictures) from the USB flash drive to the device or exports the data (face pictures and events) from the device to the USB flash drive
- Connects to one external card reader via RS-485 communication or Wiegand communication
- Connects to external access controller via RS-485 communication or Wiegand communication
- Connects to secure door control unit to avoid the door opening when the terminal is destroyed
- Two-way audio
- Voice prompts
- Watchdog design for protecting the device and ensuring device running properly.

Note: Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.

SPECIFICATIONS

Model	DS-K1T604M	DS-K1T604MF
Processor	GPU	
Operation System	Embedded Linux System	
LCD Screen	7-inch LCD Touch Screen; Ratio: 16:9; Resolution: 1280p × 600p	
1:N Face Recognition Duration	≤ 0.5s/Person	
Face Recognition Accuracy Rate	≥ 99%	
Face Recognition Distance	0.3 m to 1 m	
Face Picture Capacity	10,000; JPG and JPEG Format	
Fingerprint Capacity	/	5000
Card Capacity	50,000	
Event Capacity	50,000	
Communication Mode	10/100/1000 Mbps Self-Adaptive Network Interface	
Interface	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Magnetic Sensor × 1, Alarm Input × 2, Alarm Output × 1, Tamper × 1, Exit Button × 1	
Camera	2 MP Dual-Lens Camera; 1080p; Auto-Focus; Suggested Person Recognition Height: 140 cm to 190 cm	
Loudspeaker	Loudspeakers × 1	
Power Supply	12 VDC/3 A (Without Adapter; Centralized Power Supply); 36W	

Working Temperature	-20 °C to +65 °C (-4 °F to +149 °F)
Working Humidity	0% to 90% (Non Condensing)
Installing Method	Wall Mounting (With/Without Gang Box)
Dimensions	330 mm × 140 mm × 45 mm (12.99" × 5.51" × 1.77")
Application Situation	Indoor