DS-K1T606 Series

Face Recognition Terminal

DS-K1T606 series Face Recognition Terminal adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: face picture, card, fingerprint etc. Face Recognition Terminal helps managing the door opening/closing, which can apply to the scenarios of buildings, businesses, financial industries, and other important areas.

AVAILABLE MODELS

DS-K1T606M

DS-K1T606MF

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

MAIN FEATURES

- Wall mounting
- 5-inch LCD touch screen to display operation interface, advertisement, etc.
- 2 MP wide-angle lens
- WDR
- Face recognition distance: 0.3 m to 1 m
- Live face detection
- High performance processor with deep learning algorithm
- Max. 3000 face pictures and Max. 5000 fingerprints
  Note: Only the device containing fingerprint module supports fingerprint related functions.
- 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 1s 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 and blacklist) 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 and Wiegand communication
- Connects to external access controller via Wiegand communication
- Connects to secure door control unit to avoid the door opening when the terminal is destroyed
- Voice prompts
- Watchdog design for protecting the device and ensuring device running properly.

SPECIFICATIONS

Model	DS-K1T606M	DS-K1T606MF
Operation System	Embedded Linux System	
LCD Screen	5-inch LCD Touch Screen; Resolution: 480p × 800p	
Camera	2 MP; WDR; Wide-Angle Lens	
1:N Face Recognition Duration	≤ 1s/Person	
Face Recognition Accuracy Rate	≥ 99%	
Face Recognition Distance	0.3 m to 1 m	
Face Picture Capacity	3000; JPG and JPEG Format	
Fingerprint Capacity	/	5000
Card Capacity	5,000	
Event Capacity	100,000	
Communication Mode	10/100 Mbps Self-Adaptive Network Interface; Wi-Fi	
Interface	RS-485 × 1, Wiegand × 1, USB × 1, Lock × 1, Door Bell × 1, Exit Button × 1, Tamper × 1, Alarm Input × 2, Alarm Output × 1. Door Lock × 1	
Power Supply	12 VDC/2 A (Centralized Power Supply)	
Working Temperature	-20 °C to +50 °C (-4 °F to +122 °F)	
Working Humidity	10% to 90% (Non Condensing)	
Installing Method	Wall Mounting (With/Without Gang Box)	
Dimensions	281.5 mm × 113 mm × 45 mm (11.08" × 4.45" × 1.77")	
Application Situation	Indoor; Outdoor	