

# DS-K1T605 Series

## Face Recognition Terminal

DS-K1T605 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-K1T605E

DS-K1T605EF

DS-K1T605M

DS-K1T605MF

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

### MAIN FEATURES

- Wall mounting and base mounting
- 5-inch LCD touch screen to display operation interface, etc.
- 0.3 MP wide-angle lens
- Face recognition distance: 0.3m to 1m
- Live face detection
- High performance processor with deep learning algorithm
- Max. 2000 face pictures and Max. 5000 fingerprints storage (Only models with F support fingerprint function)
- 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 0.6s 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
- Supports TCP/IP, Wi-Fi , and EHome public network communication
- 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
- Watchdog design for protecting the device and ensuring device running properly.

## SPECIFICATIONS

Model	DS-K1T605E	DS-K1T605M	DS-K1T605EF	DS-K1T605MF
LCD Screen	5-inch LCD Touch Screen; Resolution: 800 × 480			
Camera	0.3 MP ; Live Face Detection Function			
Fingerprint Capacity	/		5000	
Face Picture Capacity	2000			
Face Recognition Distance	0.3 m to 1 m			
Face Recognition Accuracy Rate	≥ 99%			
1:N Face Recognition Duration	≤0.5 s/Person			
Card Capacity	5000			
Event Capacity	100,000			
Communication Mode	TCP/IP; Wi-Fi; EHome Protocol; RS-485; Wiegand 26/34			
Input Interface	Alarm Input × 2, USB 2.0 × 1, Door Magnetic Sensor × 1, Exit Button × 1			
Output Interface	Doorbell × 1, Lock × 1, Alarm Output × 1			
Power Supply	12 VDC/2 A			
Working Temperature	-10°C to +40°C (14°F to +104°F)			
Working Humidity	10% to 90% (Non Condensing)			
Installing Method	Base Mounting; Wall Mounting			
Dimensions	190mm × 157mm × 98mm (7.48" × 3.86" × 6.18")			
Application Situation	Indoor			