

DS-K5603-Z

Face Recognition Terminal

DS-K5603-Z 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, etc. By installing on the swing barrier, it can apply to the scenarios of buildings, businesses, financial industries, and other important areas.



AVAILABLE MODELS

DS-K5603-Z

MAIN FEATURES

- Installed on the swing barrier
 - Water-proof
 - 10.1-inch LCD touch screen to display operation interface, etc.
 - Screen ratio: 16:9; Screen resolution: 1280p × 800p
 - 2 MP wide-angle dual lens
 - WDR
 - Manually adjust supplement light brightness
 - Face recognition distance: 0.3 m to 1 m; Suggested person height for recognition: 1.4 m to 1.9 m
 - Live face detection
 - High performance processor with deep learning algorithm
 - Max. 10000 face pictures
 - Multiple authentication modes: authentication by comparing face picture, by custom mode, etc.
 - Accurate and fast face recognition function
- The 1:1 face recognition duration is no more than 1s per person. The 1:N 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 to the device via TCP/IP or uploading it 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
- Applies blacklist from the client software or others to the device or imports blacklist to the device directly.
- Transmits the blacklist comparing results 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
- RS-485 communication mode
- Connects to access controller via RS-232 communication
- Voice prompts
- Watchdog design for protecting the device and ensuring device running properly.

SPECIFICATIONS

Model	DS-K5603-Z
Processor	GPU
Operation System	Embedded Linux System
LCD Screen	10.1-inch LCD Touch Screen; Ratio: 16:9; Resolution: 1280p × 800p
1:1 Face Recognition Duration	≤ 1s/Person
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
Event Capacity	50,000
Communication Mode	10/100/1000 Mbps Self-Adaptive Network Interface; Wi-Fi
Interface (Built-in)	LAN × 2, RS-232 × 1, RS-485 × 1, USB × 2, HDMI × 1
Camera	2 MP Dual-Lens Camera; 1080p; Auto-Focus; Suggested Person Recognition Height: 140 cm to 190 cm
Loudspeaker	Loudspeakers × 2
Power Supply	12 VDC/3 A (Without Adapter; Centralized Power Supply); 36W
Working Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

Working Humidity	0% to 90% (Non Condensing)
Dimensions	520 mm × 198 mm × 66 mm (20.47" × 7.80" × 2.60")
Protection Level	IP55
Application Situation	Indoor; Outdoor