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. When installed on the swing barrier, it can be applied in scenarios, such as buildings, businesses, financial industries, and other important areas.

Available Model

DS-K5603-Z

Features

• Compatible with Hikvision swing barrier

• Compatible with third-party turnstile via RS-232 interface, RS-485 to Wiegand module, or I/O output module is available

• Water-proof

• 10.1-inch LCD touch screen

• Screen ratio: 16:9; screen resolution: 1280p × 800p

• 2 MP wide-angle dual lens

• WDR

• Adjustable supplement light brightness

• 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 storage

• Multiple authentication modes: authentication by comparing face picture, by custom mode, etc.

• Accurate and fast face recognition function

• Apply face picture data to the device via TCP/IP or uploading it to the device via the USB flash drive

• Stand-alone operation

• Transmit and save the comparison results and the captured face pictures to the client software or others

- Apply blacklist from the client software or others to the device or imports blacklist to the device directly.

- Transmit the blacklist comparing results to the client software or others.

- Device management, log search, and parameter settings via the device.

- Transfer data (face pictures and blacklist) between the USB flash drive and the device

- RS-485 communication mode

- Connect 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	Embedded Linux system
LCD screen	10.1-inch LCD touch screen; Ratio: 16:9; Resolution: 1280p × 800p
1:1 face recognition duration	≤ 1 s/Person
1:N face recognition duration	≤ 0.5 s/Person
Face recognition accuracy rate	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
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

Accessory

DS-KAB5603