



SMART
TOUCH

- Attendance
- Access Control

Face Recognition Terminal

AI Deep Learning Face
Technology System



SmartFace ST-642

SMART TOUCH TECHNOLOGY

www.smartouch.com.sg

AI DEEP LEARNING FACE TECHNOLOGY

SMARTFACE ST-642 series face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes: face/ card/ fingerprint authentication, etc. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.



Highlights

- ✓ Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%.
- ✓ Contact-less, Hygiene & High Speed Detection.
- ✓ Anti-backlighting with WDR
- ✓ Counterfeit Prevention for higher security authentication
- ✓ 6,000 face capacity, 5,000 fingerprint capacity, 10,000 card capacity
- ✓ Multiple authentication modes.
- ✓ IP Rating 65.
- ✓ Face Mask Detection

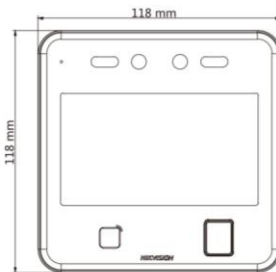
Face Recognition

- Recognition distance: 0.3 to 3.0 m
- Multiple authentication modes are available: card and face, fingerprint and card and etc.
- Transmits card and user data from or to the client software via TCP/IP communication and saves the data on the client software
- Suggested height for face recognition: between 1.4 m and 1.9 m.
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out.
- Watchdog design and tamper function
- Audio prompt for authentication result
- Imports and export data to the device from the client software.
- Imports pictures from the USB flash drive to the device or export pictures, events, from the device to the USB flash drive
- Manage, search and set device data after logging in the device locally

Access Control Terminal

- Support all kind of access control system including glass/wooden door access.

•Dimension



Application Scenarios



Dormitory



Construction



School



Healthcare



Factory



Shipyard



Office

Note:

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

Specifications

System	
Operating System	Linux
Screen	
Size	4.3-inch
Type	IPS Full Screen
Operation Method	Captive Touch Screen
Camera	
Pixel	2 MP
Lens	Dual-lens WDR x 2
Network	
Wired network	Support, 10/100/1000 Mbps self-adaptive
Wi-Fi	Support
Communication Protocol	ISUP 5.0, ISAPI, NetSDK
Interface	
Data Communication	Network Interface x 1, RS-485 x 1, USB2.0 x 1
Door Controller Connection	Lock Output x 1, Exit Button x 1, Door Contact input x 1
External Reader Connection	NA
Alarm Connection	NA
Capacity	
Face capacity	6,000
Fingerprint	5,000
Card capacity	10,000
Event capacity	150,000
Authentication	
Card type	Mifare 13.56Mhz
Card reading distance	0 to 3 cm
Card reading duration	< 1 s
Face recognition duration	< 0.2 s per person
Face recognition distance	0.3 to 3.0 m
Function	
Face anti-spoofing	Support
Time Synchronization	Support
Audio prompt	Support
Others	
Power supply	12 VDC 1.5A
Working temperature	-10 °C to +50 °C (-14 °F to +122 °F)
Dimensions	118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")
Working humidity	0 to 90% (No condensing)
Application Environment	Indoor
IP Rating	65