SMART TOUCH

- Attendance
- Access Control
- Live View

Face Recognition Terminal

AI Deep Learning Face Technology System

SmartFace ST-331

SMART TOUCH TECHNOLOGY

www.smartouch.com.sg

AI DEEP LEARNING FACE TECHNOLOGY

SMARTFACE ST-331 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/ authentication, etc. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.
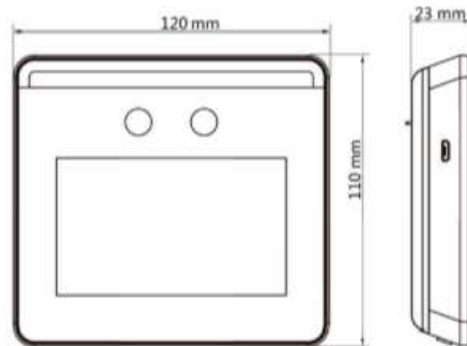
Highlights

- ✓ 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
- ✓ 300 face capacity, 1,500 card capacity; 150,000 event capacity.
- ✓ Multiple authentication modes.
- ✓ IP Rating 65.

Face Recognition

- Recognition distance: 0.3 to 1.5 m
- Multiple authentication modes are available: card and face, 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

- Connects to external access controller or Wiegand card reader via Wiegand protocol.
- Support all kind of access control system including glass/wooden door access, tripod turnstile, swing gate, flap barrier, vehicle arm barrier system.
- Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is destroyed.

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	3.97-inch
Camera	
Pixel	2 MP
Lens	Dual-lens WDR x 2
Video Standard	PAL (Default) & NTSC
Network	
Wired network	Support, 10/100/1000 Mbps self-adaptive
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, Tamper x 1
External Reader Connection	NA
Alarm Connection	NA
Audio	
Audio Setting	Omnidirectional Speaker x 1, Built-in Loud Speaker, Volume Adjust via client or device
Capacity	
Face capacity	300
Fingerprint	NA
Card capacity	1,500
Event capacity	150,000
Authentication	
Card type	Mifare
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 1.5 m
Function	
Face anti-spoofing	Support
Live View	Supports live view on the platform, H.264
Audio prompt	Support
Others	
Power supply	12 VDC 1.5A
Working temperature	-10 °C to +50 °C (-14 °F to +122 °F)
Working humidity	10 to 90% (No condensing)
IP Rating	65