

Face Recognition Terminal with Thermal measurement and imaging sensor



Floor-stand installation



Wall-mount installation



Product Overview

This Facial Recognition Access Control Terminal with Thermal measurement and imaging sensor is a device with precise recognition rate, large storage capacity and fast recognition, which integrates Inaxsys face recognition technology and non-contact temperature detection technology. The digital temperature measurement module supports rapid temperature detection. This product can achieve face recognition and temperature detection at the same time, and it will trigger an alarm when analyzing an abnormal temperature. The INS213HBTS1 can be applied in crowded places such as schools, office buildings, hospitals and other areas.

Key Features

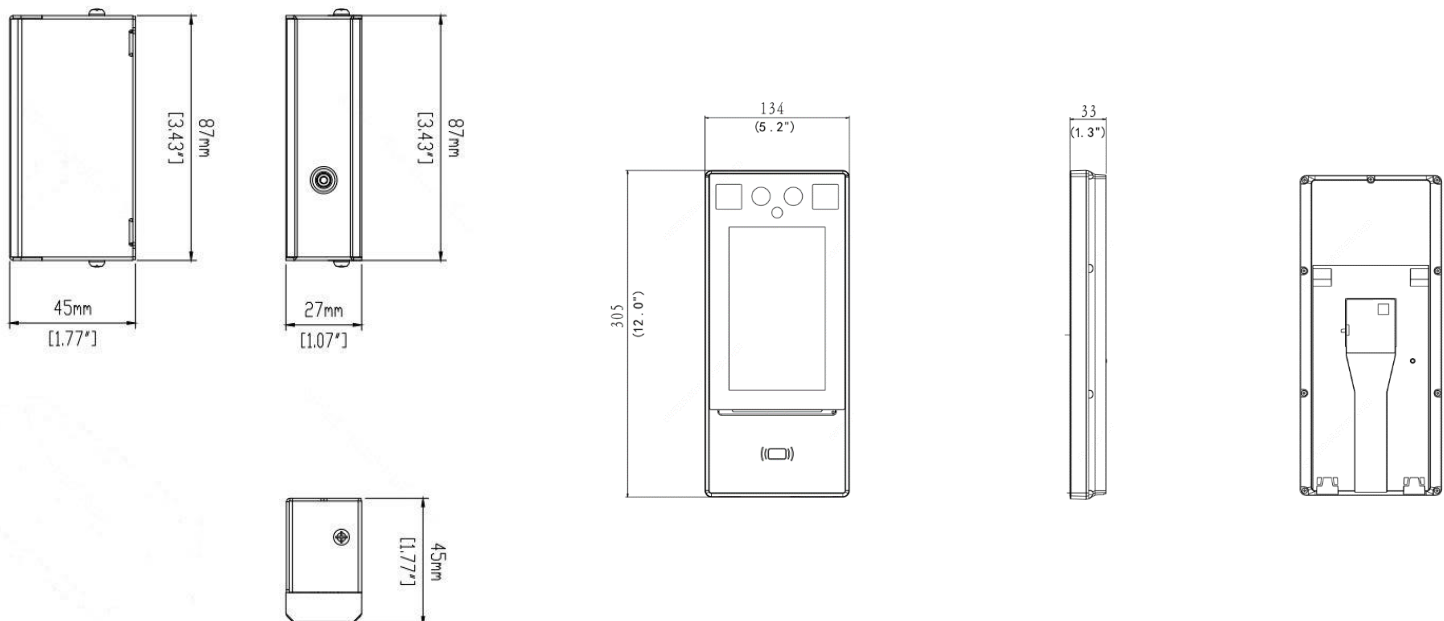
- Non-contact detection, abnormal temperature alarm
- Temperature detection and personnel information binding
- Configure temperature detection threshold value
- Non-contact temperature detection module, measurement range is between 30°C to 45°C, measurement accuracy can reach 0.1°C, measurement deviation is less than or equal to 0.3°C, and measurement distance is 1 meter
- Deep learning algorithm model based on Inaxsys independent intellectual property rights, face recognition accuracy rate > 99%, false rate < 1%
- Built-in deep learning dedicated chip, supports local offline recognition, 10,000 face capacity, face whitelist (1: N)
- Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate
- WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes
- Anti-spoofing detection based on deep learning algorithm
- Suggested height for face recognition: between 0.8m and 2.2m, face recognition distance: 0.2m to 2.9m
- Screen sleep mode, keep the minimum brightness to prevent glare at night
- Add up to 6 photos of the base library for a single person

*Floor-stand installation requires the INSEPS31 bracket.

INS213HBTS1 - Technical Specifications

Model	Comment
INS213HBTS1	Face Recognition Access Control Terminal with Thermal measurement and imaging sensor
Features Parameter	Description
Operation System	Linux
Face Recognition Accuracy Rate	>99%
Face Recognition Time	200ms
Face Capacity	10,000
Card Capacity	100,000
Storage Capacity	4GB
Event Capacity	30,000 (with images)
Measurement Range	30°C - 45°C
Measurement Accuracy	0.1°C
Measurement Deviation	≤±0.3°C
Measurement Distance	1m
Authentication Mode	Face Whitelist: (1: N)
	Card:(1:N)
Door Opening Method	Face, Password, QR code, Card
Communication Mode	10/100Mbps adaptive network port
Card Type	Mifare 1 Card
User Management	Support user library addition, deletion, update
Record Management	Support local recording and real-time upload
Interface	LAN×1, Wiegand Input×1, Wiegand Output×1, RS485×1, Alarm Input×2, Alarm Output×1, USB2.0×1, Lock×1, Door Contact ×1, Exit Button×1
Power Supply	Input 12V±25% DC
Screen	Touch Screen, Size:7 inch, Resolution: 600×1024
Camera	Dual Lens, 2MP, 1080P
Supplement Light	LED soft light and infrared light
Dimensions (L×W×H)	134.0mm×33.0mm×305.0mm
Working Environment	For access control terminal: -20°C~ +65°C, Relative Humidly<95% (non-condensing)
Protection Level	Both terminal and module: IP 54
Application Situation	Indoor, No wind

Dimensions



* Design and specifications are subject to change without notice.