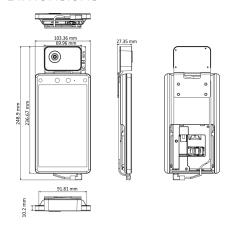






Dimensions



Accessories







RCT17XH

Facial Recognition Terminal with Thermal Sensor Body Temperature Measurement

- Supports Vanadium Oxide uncooled sensor to measure target's temperature.
- Seamless support for ISM version 2.0
- Temperature measuring range: 35 °C to 45 °C (95 °F to 113 °F), accuracy: \pm 0.1 °C, deviation: \pm 0.5 °C
- Fast temperature measurement mode: Detects face and takes body temperature without identity authentication.
- Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature, etc.
- Displays temperature measurement results on the authentication page and triggers voice prompt when fever.
- Face mask alert: If the face being recognised does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance is validated.
- Transmits online and offline temperature information to the client software via TCP/IP communication and saves the data on the client software.
- Configurable door status (open/close) when detecting fever.

Facial Recognition

- Face recognition duration < 0.2 s/User; face recognition accuracy rate \geq 99%.
- 50,000 face capacity, 50,000 card capacity, and 50,000 event capacity.
- Suggested height for face recognition: between 1.4 m and 1.9 m. Recognition distance: 0.3 to 2 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. NTP, manually time synchronization, and auto synchronization.
- Built-in Mifare card, Felica card, and DESfire card reading module.
- Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is vandalised.

*COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products





Technical Specification

System		
Operation system	Linux	
Temperature measurement		
Temperature range	35 ℃ to 45 ℃ (95 ℉ to 113 ℉)	
Sensor	Vanadium Oxide uncooled sensor	
Resolution	120 × 160	
Frame rate	25 fps	
Measurement accuracy	0.1 ℃	
Measurement deviation	± 0.5 ℃	
Measuring distance	0.3 to 2 m	
Display		
Size	7-inch	
Resolution	1024 × 600	
Туре	Touch screen	
Video		
Pixel	2 MP	
Lens	Dual-lens	
Video standard	PAL (Default)/NTSC	
Audio		
Tone quality	Built-in omnidirectional microphone	
Network		
Wireless Network	Support	
Wired network	Support, 10/100/1000 Mbps self-adaptive	
Wi-Fi	Support	
Interface		
Network interface	1	
RS-485	1	
Wiegand	1	
Lock output	1	
Exit button	1	
Door contact input	1	
TAMPER	1	
Capacity		
Card capacity	50000	
Face capacity	50000	
Event capacity	50,000	







Technical Specification

Authentication	
Face recognition accuracy rate	≥ 99%
Card type	Mifare 1 card, DESfire card, Felica card
Card reading distance	0 to 5 cm
Card reading duration	< 1s
Face recognition duration	< 0.2 s per person
Face recognition distance	0.3 to 2 m
Function	
Time synchronization	Support
Face anti-spoofing	Support
Live view	Support
Audio prompt	Support
General	
Power supply	12 VDC/2 A
Working temperature	-10 ℃ to 50 ℃ (14 to 122 ℉)
	For temperature measurement: 10 $^{\circ}$ to 35 $^{\circ}$ (50 $^{\circ}$ to 95 $^{\circ}$)
Working humidity	0 to 90% (no condensing)
Application environment	Indoor and windless environment use only
Dimensions	103.36 mm × 248.9 mm × 27.35 mm (4.07" × 9.80" × 1.08")
Language	English, Spanish (Europe), French, German, Italian, Portuguese (Europe), Polish, Russian, Thai, Arabic, Japanese

