

LTK3607FM-T Face Recognition Terminal

The LTK3607FM-T Face Recognition Terminal is a type of access control device integrated with temperature screening capabilities. It can capture and compare skin-surface temperatures quickly and upload abnormal temperature readings to a command center. Applications abound for enterprises, transit stations, residential dwellings, factories, schools, campuses and more, to detect and restrict health risks.



- Vanadium Oxide uncooled sensor measures a target's temperature
- Temperature Measurement Range: 86° to 113° F (30° to 45° C); accuracy: 0.1° C; deviation: ± 0.5° C
- Recognition Distance: 1 to 6 feet (0.3 to 1.8 m)
- Rapid Temperature Measurement Mode: Detects faces and temperatures without recording identities
- Authentication Modes Available: Card and temperature, face and temperature, card and face and temperature, etc.
- Face Mask Alert: If a face is detected without a mask, the device can deliver an audible voice reminder. At the same time, the authentication or attendance can then be validated.
- Mask Enforcement: If a face is detected without a mask, the device can deliver an audible voice reminder. Authentication or attendance can then be invalidated until a mask is detected.
- Temperature measurement results can be displayed on the authentication page.
- Voice prompts can be triggered when detecting abnormal temperatures.
- Door status (open/close) when detecting abnormal temperature can be configured.
- Transmits on- and offline temperature information to client software via TCP/IP communication and saves data on the client software.
- Face Recognition Duration: Less than 0.2 seconds per user; face recognition accuracy rate: ≥ 99%
- Capacities: 6,000 face images, 6,000 cards, and 100,000 events
- Recommended Height for Face Recognition: 4.5 to 6.2 feet (1.4 to 1.9 m)
- Supports 6 attendance statuses, including check in, check out, break in, break out, overtime in, overtime out
- Watchdog design and tamper-alert
- Audio prompt for authentication results
- NTP, manual time synchronization, and auto synchronization
- Connects to external access controller or Wiegand card reader via Wiegand protocol
- Connects to secure door control unit via RS-485 protocol to prevent door opening if terminal suffers vandalism

- Imports and exports data to the device from the client software

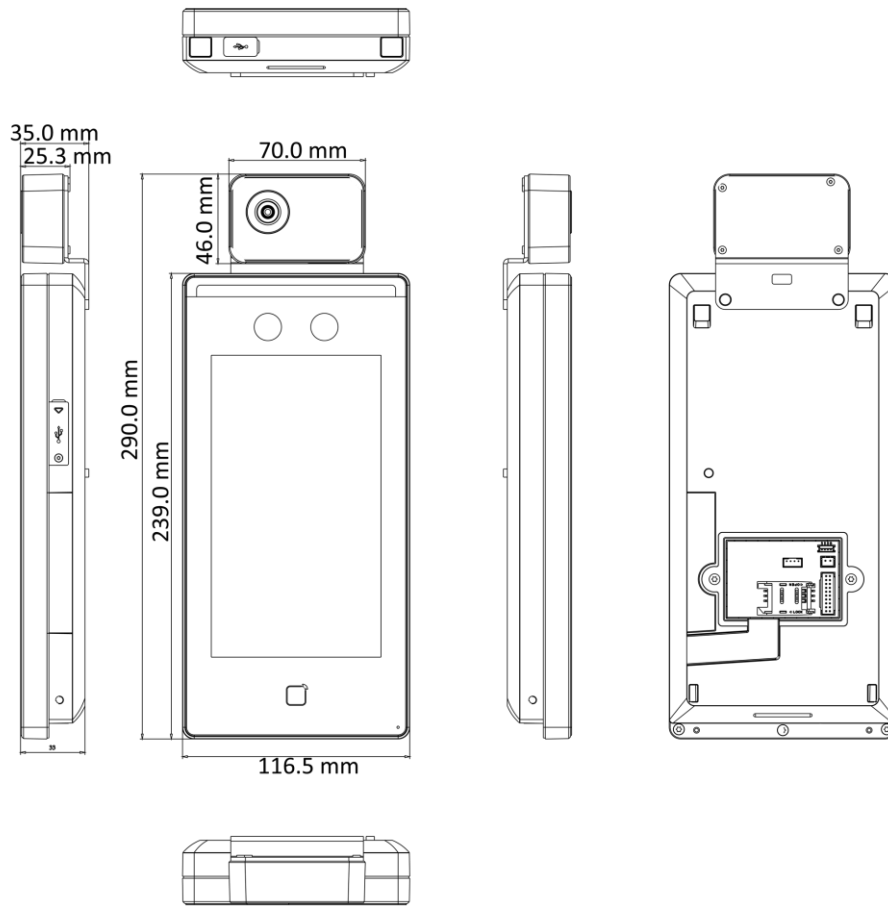
*Biometric recognition products are not 100% resilient to spoofing. Elevated security requires multiple authentication modes.

*LTS recommends allowing 90 minutes for the device to acclimatize before use in order to get the most accurate temperature readings.

Specifications

Temperature measurement	
Temperature range	86° to 113° F (30° to 45° C)
Sensor	Vanadium Oxide uncooled sensor
Resolution	120 × 160
Frame Rates	25 fps
Measurement Accuracy	0.1° C
Measurement Deviation	± 0.5° C, without black body calibration
Measuring Distance	1 to 6 feet (0.3 to 1.8 m)
Screen	
Size	7-inch
Type	Touch screen
Camera	
Pixel	2 MP
Lens	Dual-lens
Network	
Wired Network	Supported, 10/100/1000 Mbps self-adapting
Interface	
Network interface	1
RS-485	1
Wiegand	1
Lock Output	1
Exit button	1
Door Contact Input	1
I/O Input	2
I/O Output	1
Tampering	1
Capacities	
Card Capacity	6,000
Face Capacity	6,000
Event Capacity	100,000
Authentications	
Card Types	Mifare 1 card
Card Reading Distance	0 to 2 inches (0 to 5 cm)
Card Reading Duration	< 1 sec.
Face Recognition Duration	< 0.2 sec. per person
Face Recognition Distance	1 to 6 feet (0.3 to 1.8 m)
Functions	
Face Anti-spoofing	Supported
Live View	Supported
Audio Prompt	Supported
Others	
Power Supply	12 VDC/2 A
Operating Temperature	32° to 122° F (0° to 50° C) For temperature measurement: 50° to 95° F (10° to 35° C)
Operating Conditions	10 to 90% (Non-condensing)
Application Environments	Indoor and windless environments only

Dimensions



Accessories

Floor Stand Bracket

LTK3607-FLOOR

