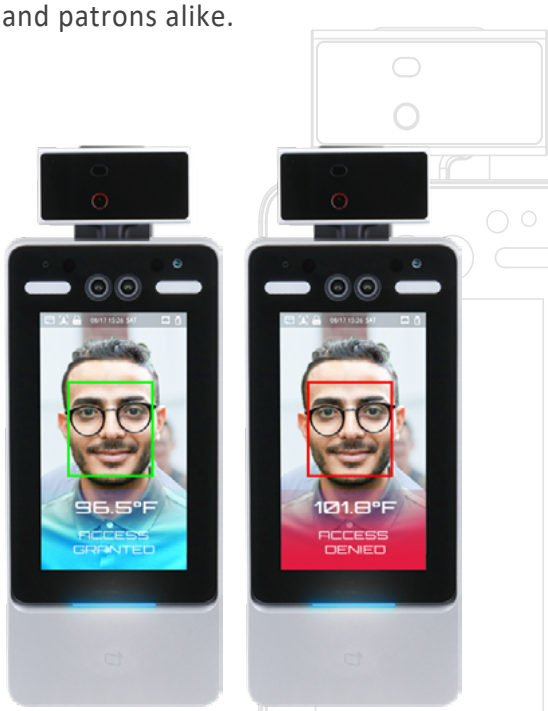
THERMAL FACIAL RECOGNITION TERMINAL

- Mitigate Risk of Exposure
- Contactless Measurement
- Instant Screening
- Smart Detection
- Accurate Measurement
- Face and Face Mask Detection

Provides high accuracy, easy-to-install thermal facial kiosks with instant temperature screening; specifically for high traffic areas such as business entrance ways. Thermal kiosks easily provide you with an effective method of screening employees, customers, visitors, and vendors before they enter a facility. Our thermal kiosks provide you peace of mind with instant, countless, highly accurate temperature screening from a distance, ensuring the health and safety of employees and patrons alike.

ADVANCED TEMPERATURE SCREENING WITH ACCESS CONTROL:

- Elevated skin-surface temperature detection with access control.
- Safe, contactless facial terminal with built-in thermal camera for temperature measurement from a distance.
- Seamless entry with temperature and face mask detection.
- Easy-to-operate, rapid deployment system for efficient temperature screening solution.
- Identity verification with Temperature Screening.
- Instant Alarm for Abnormal Temperature and Unauthorized Personnel.
- Touch-Free Authentication and Supports Mask Detection.



Normal & Elevated
Skin-Surface Temperature

APPLICATION SCENARIOS:

Lobby / Hallway

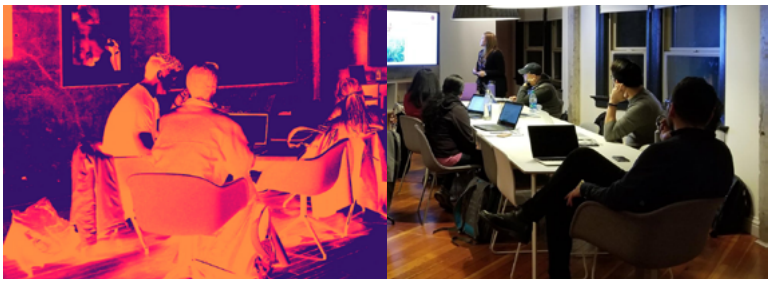
- Quick, easy monitoring of high traffic areas
- Safe, non-contact measurement from a distance
- Ensuring tenant and visitor safety

Restaurant / Café

- Ensure seamless business continuity
- Provide safety for employees and customers
- Easy-to-install rapid deployment thermal system

Office / Studio

- Instant temperature screening
- Non-contact thermal detection with access control
- Safety for staff and visitors alike



Shopping Mall / Retail

- Secure business operations with thermal detection
- Health and safety for employee and customers
- Non-contact thermal screening at entrance for seamless business operations

PRODUCT SHOWCASE:

HTK721YT1
Thermal Facial Recognition Terminal

- High speed, face verification accuracy up to 99%
- Facial recognition distance from 1 ft ~ 6.5 ft
- Facial comparison speed up to 0.5s per person
- Temperature monitoring error is ≤ 0.9°F, with temperature anomaly reported
- Face mask detection support, with alarm if there is no face mask

HTKA172YT1
Thermal Floor Stand

- Adopt aluminum alloy, light, durable, stable and strong
- Use ground placement for easy installation and movement
- Support ground installation of HTK721YT1

Distributed by:

260 Geiger Rd Suite 30
Philadelphia PA 19115
❖ 877-428-1425
❖ Sales@3DmedD.com

Respi USA

www.3DmedD.com

Diamond Series

HTK721YT1

Thermal Facial Recognition Terminal

With a 7” LCD, touchscreen, and with the ability to provide access control through facial recognition; the HTK721YT1 provides excellent support to any Entrance/exit monitoring system. With support of up to 50,000 users, and safe, non-contact distance recognition at 6.5 ft, this facial terminal provides face verification accuracy of up to 99%. Supports temperature monitoring of ≤0.9°F.

MODEL(S) AVAILABLE

HTK721YT1

KEY FEATURES

- Support unlock through face, ID/IC card, and password
- High speed, face verification accuracy up to 99%
- Supports duress, tamper, intrusion, door contact timeout, and illegal card alarm
- Attendance record support through management platform
- Facial recognition distance from 1 ft ~ 6.5 ft (0.3 m ~ 2.0 m)
- Facial comparison speed up to 0.5s per person
- Temperature monitoring error is ≤ 0.9°F, with temperature anomaly reported
- Face mask detection support, with alarm if there is no face mask

Product Specifications

System	
Main Processor	Embedded Processor
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Yes
Network Interoperability	ONVIF; CGI
SDK and API	Support SDK

Basic	
Display	7-inch display
Screen Type	Capacitive Screen
Resolution	600 (H) × 1024 (V)
Camera	1/2.8" 2MP CMOS high definition WDR dual camera
Wide Dynamic Range	120dB true WDR
Light Compensation	Auto white light / Auto IR light
Status Indicator	1 indicator light Red: Error; Green: Normal; Blue: Working
Voice Prompt	Yes
Housing Material	PC+ABS

Function	
Unlock Mode	Card/Remote/Password/Face unlock and unlock through their combinations; face unlock under temperature monitoring mode;
Card Reading Type	IC card
Period List	128
Holiday Period	128
First-Card Unlock	Yes
Remote Verification	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Multiple Authentication	Yes
Real-Time Surveillance	Yes
Web Configuration	Yes

Performance	
Card Reading Distance	5 cm
Face Recognition Range	Face-camera distance: 1 ft ~ 6.5 ft (0.3 m ~ 2.0 m) Human height: 3 ft ~ 8 ft (0.9 m ~ 2.4 m)
Face Verification Accuracy	99.5%
Face Recognition Time	0.35 s
Monitoring Range	30°C~45°C (86°F~113°F)
Monitoring Error	≤ 0.5°C
Monitoring Distance	1 ft ~ 6 ft (0.3 m ~ 1.8 m)
Monitoring Height	4.4 ft ~ 6 ft (1.35 m ~ 1.85 m) (when temperature monitoring distance is 1.6 ft / 0.5 m) 4 ft ~ 7 ft (1.20 m ~ 2.10 m) (when temperature monitoring distance is 4 ft / 1.2 m)

Capacity	
User Capacity	50,000
Face Image Capacity	50,000
Card Capacity	50,000
Password Capacity	50,000
Record Capacity	100,000 records

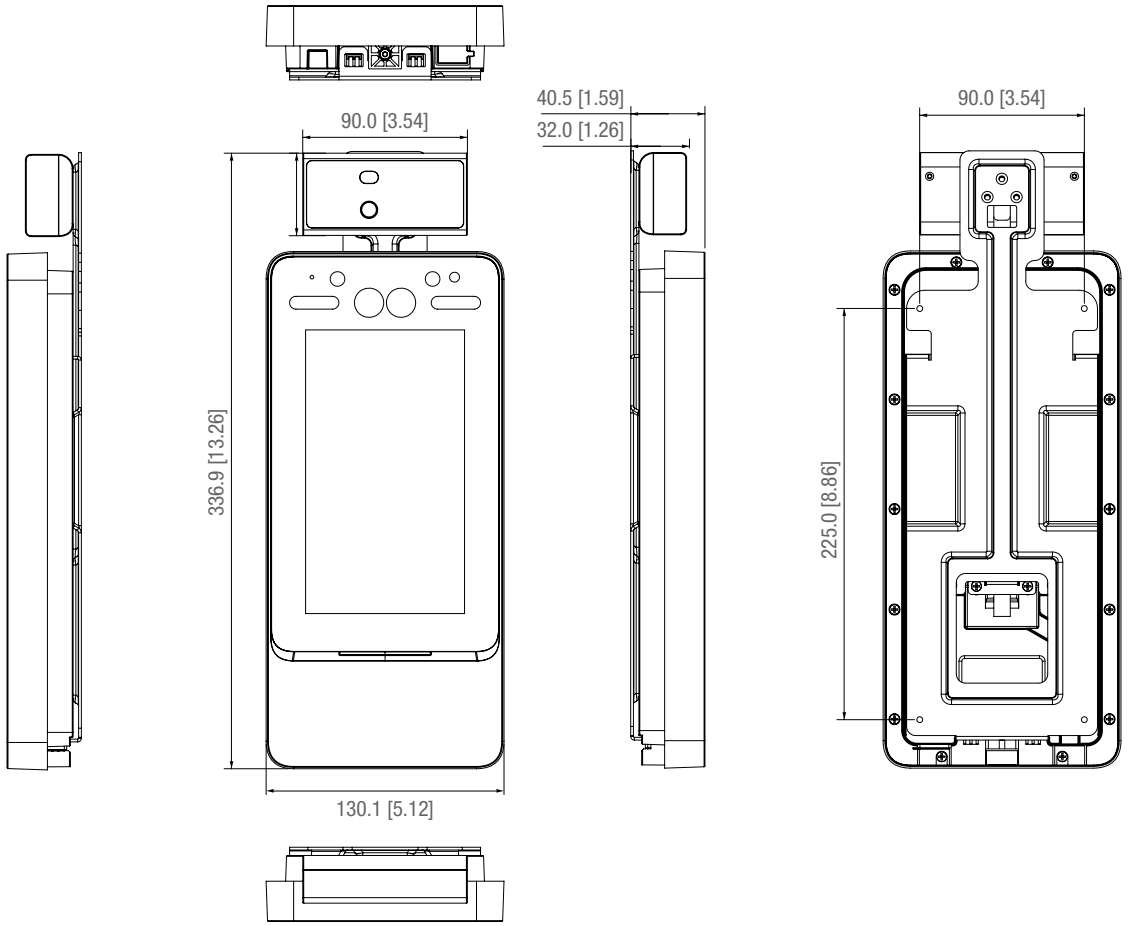
Port	
RS485	1
Wiegand	1 (Input or output)
USB	1× USB 2.0 port
Network	1× 100 Mbps network port
Alarm Input	2 (Switch quantity)
Alarm Output	2 (Relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1

Alarm	
Anti-Passback	Yes
Tamper	Yes
Duress	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes

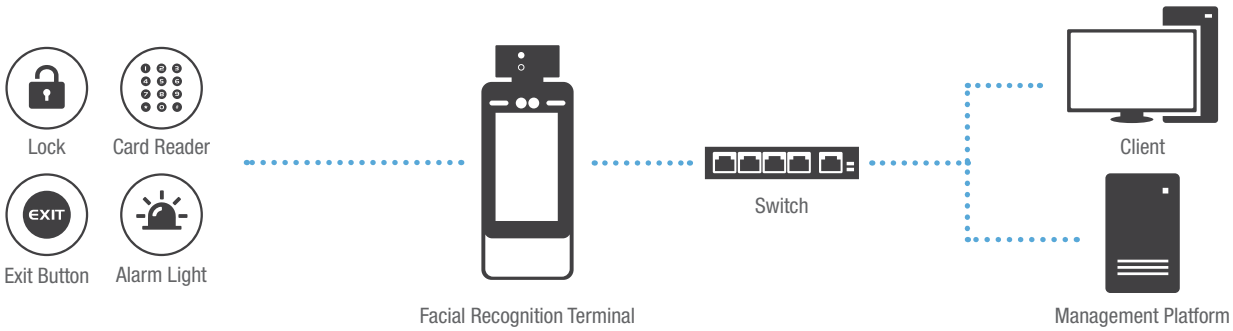
General	
Power Supply	12 V DC, 1A
Power Consumption	≤ 12 W
Product Dimensions	336.9 mm × 130.1 mm × 40.5 mm (13.26" × 5.12" × 1.59")
Packaging Dimensions	Controller packging: 380 mm × 235 mm × 124 mm (14.96" × 9.25" × 4.88") Protective case: 494 mm × 402 mm × 275 mm (19.45" × 15.83" × 10.83")
Working Temperature	Temperature monitoring mode disabled: –10°C ~ 55°C (14°F ~ 131°F) Temperature monitoring mode enabled: 15°C ~ 30°C (59°F ~ 86°F)
Working Humidity	0 ~ 90% RH (non-condensing)
Working Environment	Indoor
Gross Weight	2000 g (4.41 lb)
Installation	Wall mount
Certifications	CE / FCC

www.3DmedD.com

Product Dimensions (mm [inch])



Application



Distributed by:

260 Geiger Rd Suite 30
Philadelphia PA 19115
❖ **877-428-1425**
❖ **Sales@3DmedD.com**

Respi USA