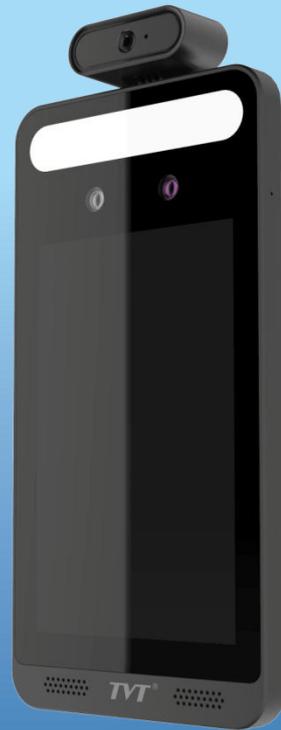# THTVT100

2MP HD Temperature Measurement & Face Recognition Terminal

- 8 inch LCD touch screen

- High-accuracy IR body temperature measurement

- Non-contact body temperature measurement

- Human-sounding voice prompt

- Real-time face mask detection

- Face liveness detection technology distinguishing real faces from non-real face spoof attacks

- Highly accurate face recognition using deep learning algorithm

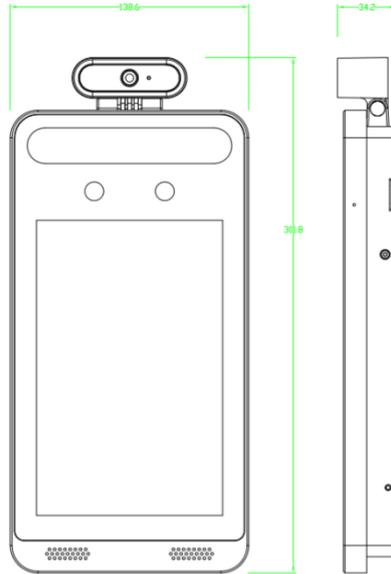- Stand-alone device, ready for networking

Specifications

Model	THTVT100
Performance	
OS	Embedded Linux
Storage	8Gb DDR3 +16GB EMMC
Screen	
Display Screen	8inch LCD touch screen; resolution: 1280x800; contrast: 500:1
Brightness	500 lux
Control Interface	I2C
Temperature Measurement	
Temperature Measuring Range	32~43℃
Accuracy	± 0.3℃
Measuring Distance	25cm ~50cm
Face Recognition	
Sensor	1/2.8
Lens	2MP dual-lens, f=3.97mm @ F1.6
Lens Mount	M12
WDR	120db
Height Range of Face Recognition	1.2m-2.2m (the recommended installation height is 1.45m, based on the tester's height of 170cm)
Face Recognition Distance	0.3m-2m (the recommended face recognition distance is from 0.5m to 1m)
Recognition Mode	Face: 1 : N
Recognition Duration	≤ 0.5 s per person
Face Capacity	20,000
Recognition Accuracy	99.7%
Supplementary Light	
Fill-in Light	Soft white light, IR light
White Light Distance	1-3m
Smart Linkage	
Screen Wakeup	Yes
Light Adjustment	Yes
Snapshot	Yes
Audio	

Two-way Talk	Yes (noise reduction and echo cancellation)
Audio Input	1CH built-in MIC
Audio Output	Built-in speaker
Interface	
Network Interface	10/100Mbps self-adaptive Ethernet port x1
Alarm Input	2CH
Alarm Output	2 CH
Wiegand Interface	Wiegand input/output（26/34）
RS485	RS485x1 (half duplex)
Door Lock Output	Relay output, NO/NC(optional), delay setting supported
SD Card Interface	1 micro SD card slot, up to 128G
USB Interface	USB x1
Anti-Tamper Interface	1 button
Exit Button	1
Reset Button	1
Others	
Power	12V @1A
Power Management	Screen sleep, screen protection
Power Consumption	<12W
Weight	Approx. 1.2KG
Installation	Wall Mounting，Pole Mounting, Embedded Installation, Desktop
Protection	Surge Protection and Voltage Transient Protection
Certificate	CE, FCC
Environment Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU)，directive 94/62/EC and REACH(EC1907/2006)
Working Environment	0°C~40°C，<95% (non-condensing)
Dimensions(mm)	301.8x138.6x34.2

Available Model

Available Model	THTVT100	Temperature Measurement and Face Recognition Terminal

Dimensions

Accessories

Optional:

| Pole Mount | Desktop Mount | Wall Mount | Floor-Standing Mount |