



# Portable Temperature & AI Mask Wearing Screening Station

MTB-3192T

Reduce Physical Contact,  
Maximizing Temperature Screening Efficiency

Reliable and effective screening solution  
Suitable for office buildings, banks, shopping center



\*Medical cart is optional



#### Reliable and effective screening solution

- Automatically start detection after system boot up
- Accuracy:  $\pm 0.3^{\circ}\text{C}$
- High resolutions thermal sensor (384x288 pixels)



#### Medical grade panel PC, Customizations

- Medical grade panel PC with IEC & EN 60601-1 (Edition 3.1), IEC & EN 60601-1-2 (Edition 4th) certification
- Customization: Connect with customer's existing system, export data or forms



#### Designed for temperature screening station

- Contactless, detect temperature and face masks
- 1 second detection, do not hold up the line
- When temperature exceeds set limit, system sounds alert and display different color
- Easy installation and deployment



Midas Touch

[www.midastouchinc.com](http://www.midastouchinc.com)

# MTB-3192T

## Specifications

### Features

- Intel® Core™ processor
- AI-powered to detect human temperature and mask
- High performance thermal image camera for better image quality
- API available for cloud platform
- Fanless design
- 19 inch touch LCD



### System

CPU	Intel® Core™
OS	Windows 10 IoT Enterprise LTSC

### Thermal Camera

Resolution/Pixel Pitch	384×288 / 17um
Accuracy	±0.3°C @ 25°C
Power	5V/2A, mini USB cable (2M)
Software	Human temperature detection Mask detection
Detection Distance	Up to 5m

### Cloud

API	RESTful API
-----	-------------

### I/O Interface

I/O	Audio, LAN, Serial Port, USB Port
-----	-----------------------------------

### LCD Touch Screen

Size/Type	19" TFT Active Matrix Panel
Max. Resolution	1280 x 1024 (SXGA) with 16.7M colors

### Power Requirement

Adapter Input	100 ~ 240 VAC (full range)
Adapter Output	DC 18V, 5.55A, 100W with medical certificate

### Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	10 ~ 95% @ 40°C (non-condensing)

CE, FCC Part 18 Subpart C

Regulatory	IEC & EN 60601-1 Safety (Edition 3.1), IEC & EN 60601-1-2 EMC (Edition 4th)
------------	--

Calibration	Black body, ±0.3°C*
-------------	---------------------

Black body power	Power input: DC5V/2.5A
------------------	------------------------

\*If your setup environment does not stay constant, we recommend to pair with black body.



Midas Touch

www.midastouchinc.com