



ARBOR

Portable Temperature & AI Mask Wearing Screening Station

E-Guardian LK403

Reduce Physical Contact, Maximizing Temperature Screening Efficiency

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

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



*Medical cart is optional

E-Guardian LK403

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 development
- Selectable fanless Panel PC



ARES-1970-LK403 & RM-L3L1-A



ARES-1970-LK403 & RM-L3L1-A

Thermal Camera (RM-L3L1-A)

Resolution/Pixel Pitch	384×288 / 17um
Accuracy	±0.3°C
Power	Via 2 x USB cable (1.7M) connection to host PC
Detection Distance	2 to 5m
Communication	Via 2 x USB ports on Panel PC
Dimension	52.5 x 53.7 x 134.5 mm (W x H x D)
Weight	300g

Software

Detection	Human temperature detection & mask detection
Warning	On-screen & audio alarm
Cloud	RESTful API
SDK	Available

Management

Type	Web-based Health Monitor System
Function	Dashboard, device/group management Statistics & analysis No mask / high temperature warning threshold setting

Host Computer

M1923-LK403 (Panel PC)	Panel: 19" touch panel, 1280 x 1024 CPU: Intel® Core i5-7442EQ 2.9GHz RAM: 4G Storage: 128GB M.2 SSD Power Adapter: DC 18V, 5.55A, 100W with medical certificate OS: Win10 IoT Dimension (W x H x D): 450 x 400 x 59 mm Weight: 7.5 kg
ARES-1970-LK403 (Box PC)	CPU: Intel® Core i5-6300U 2.4GHz RAM: 4G Storage: 128GB M.2 SSD Power Adapter: 12V/5A 60W AC/DC power adapter OS: Win10 IoT Dimension (W x H x D): 265 x 141 x 62 mm Weight: 1.66 kg
M1923-LK403 & RM-L3L1-A	19" Intel® Panel PC, Thermal camera, Power adapter
ARES-1970-LK403 & RM-L3L1-A	Intel® Box PC, Thermal camera, Power adapter

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

*All specifications are subject to change without notice.