

Screening Solutions for Epidemic Prevention

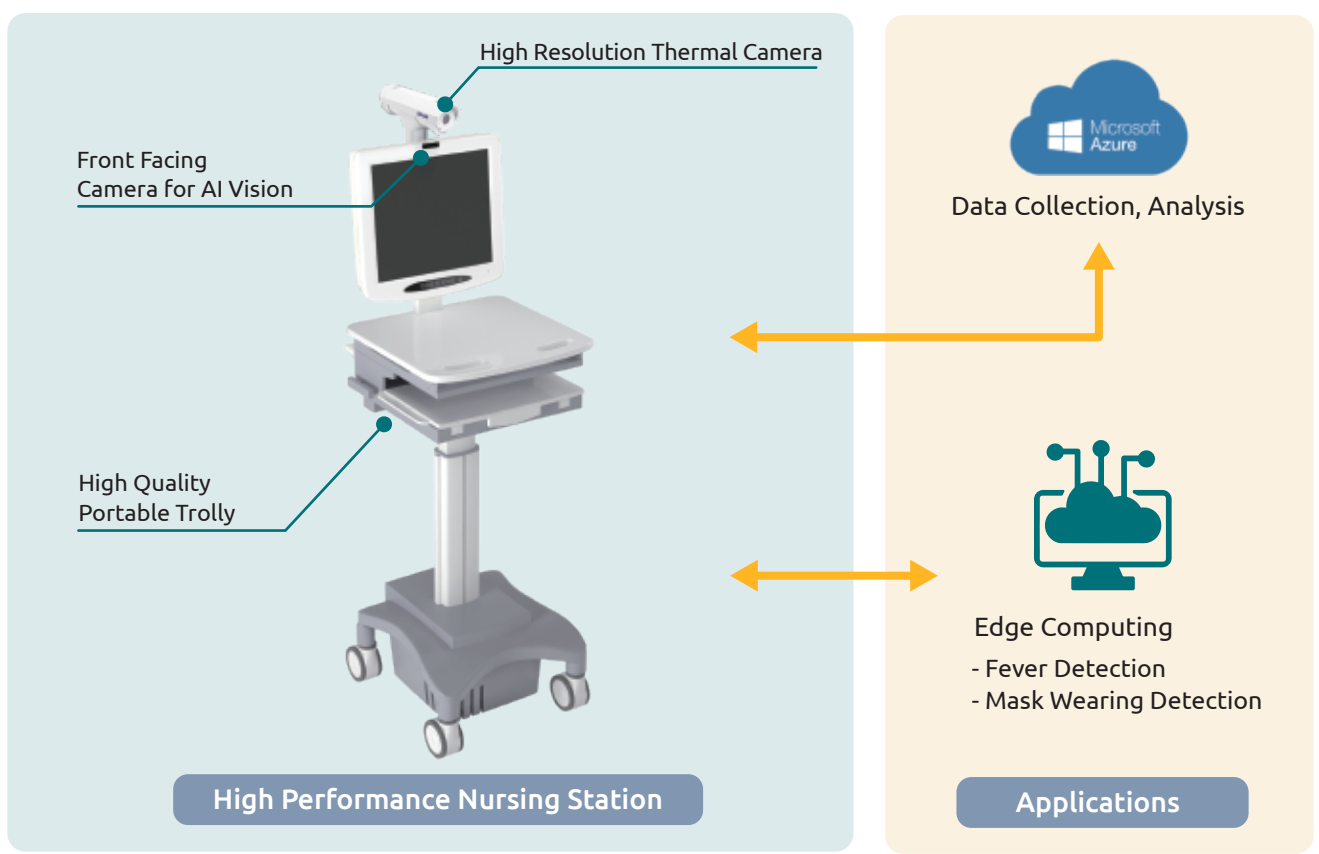
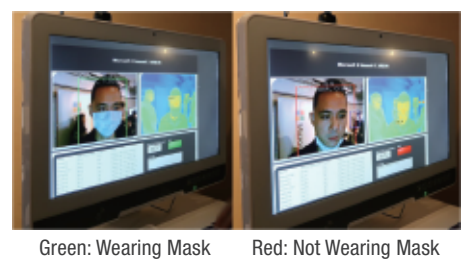




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Portable Temperature & AI Mask Wearing Screening Station

Fever detection and AI Vision recognition to determine if the person is safe to be allowed into the building. If a fever is detected, or a mask is not being worn, the person is not allowed to enter the building.



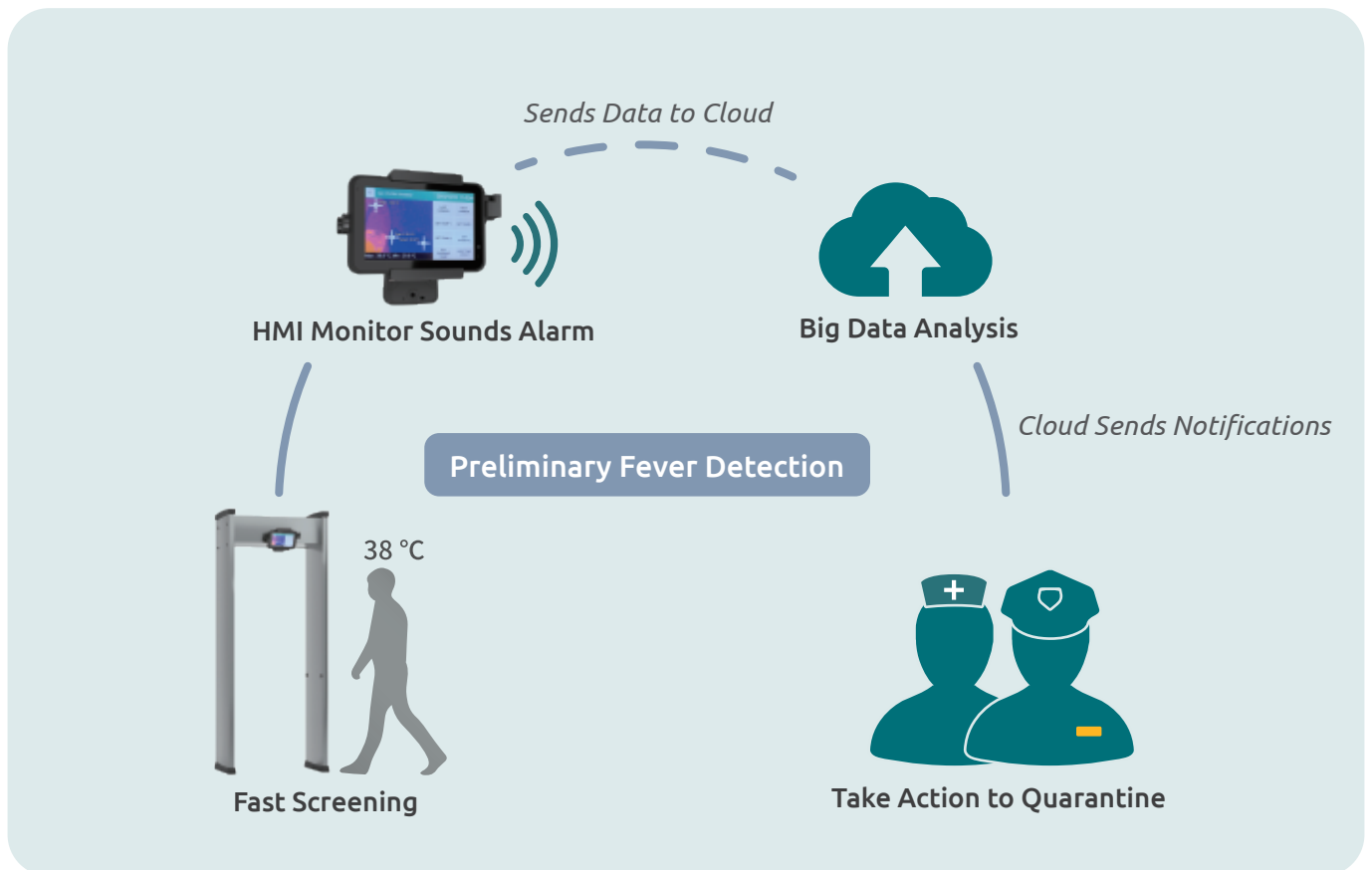


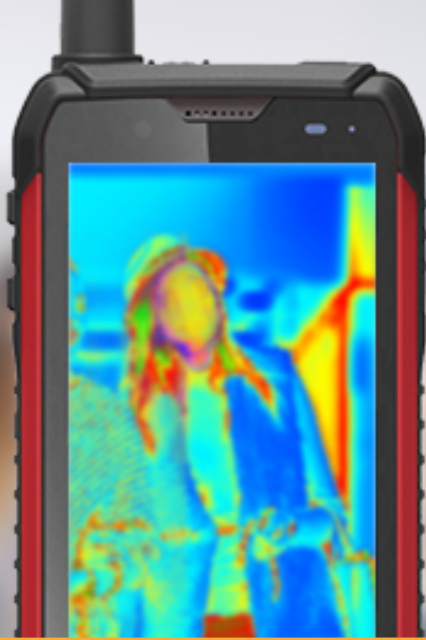
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Preliminary Fever Detection Solution

IIoT for Fever Screening

Compact design thermal camera paired with HMI provides a simple deployment for fever screening stations
Provides on-site warning and notifications service when high fever is detected



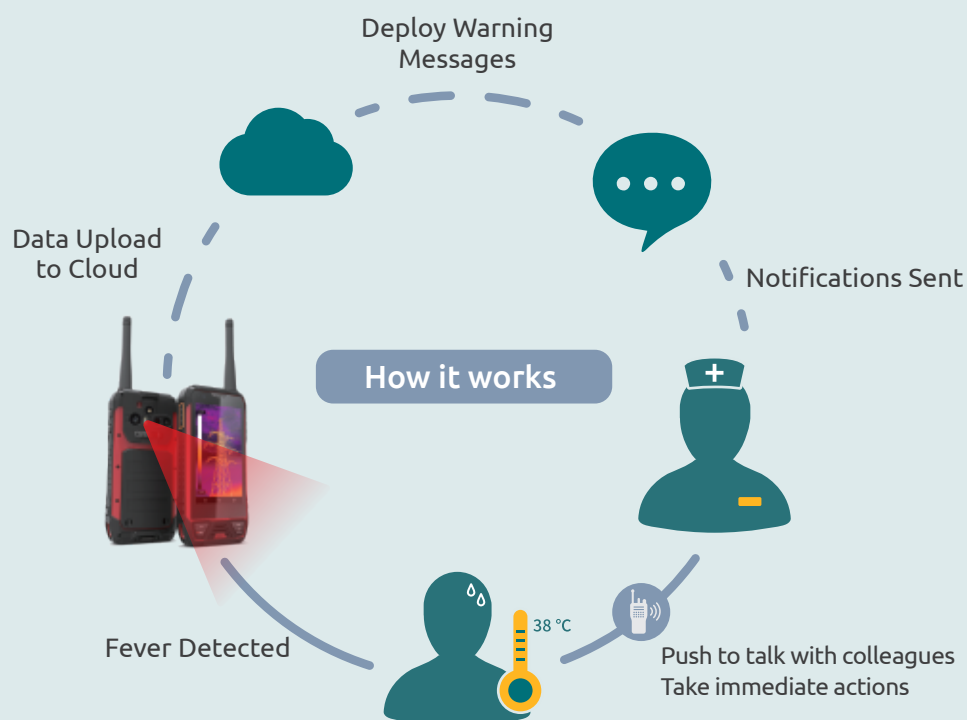


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Handheld Temperature Screening Solution

AMobile's rugged handheld with thermal imager, health professionals can detect temperature on the go.

- Wireless Connectivity with Wi-Fi, 3G/4G
- Thermal Imager
- Built-in Walkie Talkie
- Rugged, Explosion Proof





Continuous Temperature Monitoring Solution

- Continuous monitoring for temperature and heart rate, provides real time notifications for professionals to take immediate action
- Continuous monitoring provides health condition data for better staff management



Portable Temperature & AI Mask Wearing Screening Station

E-Guardian S1923



Features

- Fanless Design
- Applicable for clinical station, nursing and PACS
- Soldered on board 7th Gen, Intel® Core™ i5-7442EQ processor
- 19 inch LCD with resistive touch
- IEC & EN 60601-1 (Edition 3.1), IEC & EN 60601-1-2 (Edition 4th) certified
- Streamline appearance - 59mm in thickness
- Multi-connectivity (Bluetooth, WLAN and GbE)
- RFID & NFC reader, 5.0 MP camera, dual smart card readers, and slim DVD-RW
- Optional alternative of external battery or PCIe x16 expansion box
- Isolated serial ports, USB and Lan ports
- Multi-expansion (3 x RS-232, 5 x USB, 2 x LAN, 1 x DisplayPort and 1 x SD Card)

System	
CPU	Soldered onboard 7 th Gen. Intel® Core™ i5-7442EQ 2.9GHz processor
Graphics Controller	Intel® HD Graphics 630
Memory	4GB DDR4 SO-DIMM memory module installed
Storage	128GB M.2 2280 PCIe Gen3 SSD 2.5" 80GB SSD (optional)
Peripherals and Devices	
Thermal Camera	1 x FLIR A315 thermal imaging camera (temp. range -20~120°C, 320 x 240 px)
Camera	1 x 5.0 MP front facing CMOS camera with auto-focus (optional)
WLAN & Bluetooth	1 x WLAN 802.11 a/b/g/n & Bluetooth 4.0 LE, class 2
RFID & NFC	1 x 13.56MHz RFID & NFC reader with ISO 14443A/14443B/15693 support (optional)
Smart Card Reader	2 x Smart Card Reader slots
DVD-RW	1 x Slim DVD-RW (optional)
I/O Interface	
I/O	SD Card, Audio, Video output, Video input, LAN, Serial Port, USB Port
LCD Touch Screen	
Type	Analog Resistive Touch
Size/Type	19" TFT Active Matrix Panel
Max. Resolution	1280 x 1024 (SXGA) with 16.7M colors
Luminance	350 cd/m ² (typ.)
Contrast Ratio	1000:1 (typ.)
Backlight Type	LED
View Angle (U/D/R/L)	80°/80°/85°/85° (typ.)
Power Requirement	
Adapter Input	100 ~ 240 VAC (full range)
Adapter Output	DC 18V, 5.55A, 100W with medical certificate
Battery Type	Li-battery pack
Battery Capacity	1 x 7800mAh 9-cell external battery pack (optional)
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)
Dimensions (W x H x D)	450 x 400 x 59 mm (17.7" x 15.7" x 2.32")

Net Weight	7.5 kg (16.53 lb)
Vibration	5 ~ 500Hz, 1G random operation (SSD only)
Shock	10G peak (11m/sec)
Mounting	VESA-75 compatible (M4)
IP Rating	Compliance design with IP65 (front touch panel)
Operational Altitude	Below 2000m
Regulatory	CE, FCC Part 18 Subpart C IEC & EN 60601-1 Safety (Edition 3.1), IEC & EN 60601-1-2 EMC (Edition 4th)
OS Support	
Windows 10 IoT Enterprise LTSC Linux: Ubuntu	
Mobile Computing Cart	
Height Adjustment Range	907~1207mm
Work Surface	538 (W) x 449 (D) mm
Battery Compartment	197 (L) x 265(W) x 168 (H) mm
Caster	4 casters, 2 locking

Preliminary Fever Detection

E-Guardian S408



Features

- Turnkey solution for fast temperature screening
- Intuitive user interface with touchscreen and physical buttons
- Easy to use monitoring & setup utility
- Compact size for easy installation



System	
CPU	Quad-Core ARM Cortex-A53 1.0 GHz CPU
Operating System	Android 7.0
Memory	3 GB LPDDR2
Storage	16 GB eMMC (32 GB Optional)
Wireless	
Wi-Fi	802.11 a/b/g/n
Bluetooth	BT 4.1+BLE
Wi-Fi Frequency	2.4G+5G
Thermal System	
Sensor	Thermal camera, on board
Error Margin	±5%
Detection Range	1-1.5m
LCD Display	
Size Type	7.85" TFT LCD
Resolution	1280 x 800
Brightness	400 nits
Touch Screen	5 points capacitive touch (PCT)
I/O Interface	
USB Port	micro USB connector for setup

DC in	1x DC jack (IP-67)
Button	Power (3-color LED)
Power Supply	
DC in	5V/2A
Mechanical	
Net Weight	1.6kg
Dimensions	91.3 mm x 66.8 mm x 27.25 mm 91.3 mm x 105.4 mm x 44.2 mm (with Cradle)
Operating Temperature	-10~55 °C
Storage Temperature	-20~65 °C

Handheld Temperature Screen Solution

E-Guardian S60



Features

- High performance with Octa-Core ARM Cortex-A53 1.3 GHz CPU
- Rich wireless communications via WorldMode 4G LTE, PTT (Push-to-Talk), Bluetooth, WiFi, GPS
- Multi-data capture by thermal imaging, NFC, UHF (with UHF reader)
- High resolution images with 13M camera and HD display
- Long time operation up to 10hrs from the battery capacity of 5100 mAh
- Robust design with IP67 rating and 1.5m drop resistance
- High resolution images with 13M camera and HD display



System

CPU	Octa-core ARM Cortex-A53 1.3GHz
Operating System	Android 5.x
Memory	2GB
Storage	16GB
Micro SD	Support SDIO 3.0 protocol(up to 32G)

Peripherals and Devices

Camera	Front: 2M without AF Rear: 13M OIS with AF
Sensor	Gyroscope G-sensor M-sensor Light sensor Barometer Proximity sensor
Audio	Vibrator Receiver / Speaker Mic Headphone Jack FM Radio
Flash	YES
Torch	YES
OTG	YES
NFC	YES
PTT	YES
RFID	NFC Embedded / UHF Reader Option
Aimer	YES
Thermal	80 x 60 Pixel Scene Dynamic range:-10°C ~ 140°C Radiometric accuracy:Greater of ±10°C or 10%(typical)

* The thermal imager is to detect the temperature difference between the target and the surroundings. The temperatures are for reference only!

Wireless

WLAN/WiFi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.1+ HS
GPS/AGPS	GPS+Beidou(Default) ; GPS+Glonass(Optional)
Wireless	GSM/GPRS/EDGE (Band 900/1800) WCDMA (B1/B8) TDS-CDMA (B34/39) CDMA2000 (BC0) FDD-LTE (B1,B3) TD-LTE (B38,B39,B40,B41)

I/O Interface

Cradle Interface	VIN 9V/USB D-/USB D+/GND/5V OUT/UART TX/ UART RX/ADC/USB ID/GND
SPI	SPI Interface
SIM card	SIM1 to MiniPCle SIM2 to MTK
Mini PCIE Interface	4G (data only)
Key	Power/+/-/SOS/UD1/UD2/UL/REC/CAM/PTT

LCD Display

Size/Type	5"HD TFT
Resolution	720(W) x 1280(H)
Brightness (cd/m ²)	500cd/m ² (with TP)
Touch Screen	5 points capacitive touch (PCT)

Power Supply

Battery Capacity	5100mAh
Charging Time	Up to 4hours
Cruising Endurability	8~10hrs

Mechanical & Environmental

Operating Temperature	-10°C ~ 55°C
Storage Temperature	-20°C ~ 65°C
Dimensions(mm)	179 (H) x 87 (W) x 30(D) mm
Dimensions(mm)	181.7(H) x 87.2(W) x 30.9(D) mm 274.7(H) x 87.2(W) x 30.9(D) mm (with antenna)
Weight	531g

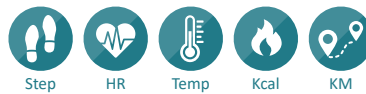
Continuously Temperature Monitoring Solution

E-Guardian S101



Features

- Supporting Android and iOS system
- Monitoring body temperature and heartbeat in-time



Basic Parameter

Sealing Level Rate	IP68
Operating Temperature	-10°C -60°C
Storage Temperature	-20°C -70°C
Operating Humidity	10%-90%RH
Drop	1.5m
Weight	22g
Color	White

Platform

Chipset Supplier	Dailog
Chipset	DA14585
CPU Frequency	16MHZ ; 0.02W

Operating System

Operating System	Android 4.0
	iOS 8.0
Language	Multi-language

Memory

ROM	CPU RAM 96K CPU ROM 128K Flash 16M
RAM	96KB

Display

Type	OLED
Size	0.49 "

Touch Panel

Support	Yes
Type	Single Point

Connection Parameter

BT	BT4.2
WiFi	No
NFC	Yes
USB	POGO PIN USB

Sensor

G-Sensor	Yes
Gyroscope	Yes
Heart Rate	Yes
3D Accelerometer	Yes
Temperature	Yes

Expandable Storage

Support	Yes
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Electric Acoustic Devices

MIC	No
Speaker	No
Motor	Yes
Receiver	No

Battery

Type	Li-polymer
Capacity	250mAh
Charging Method	POGO PIN USB

Other Partmeter

Keypad	No
LED Indicator Light	No
FOTA	OTA