NEOSYS

"Serving more than 30,000 customers across South East Asia"

neosmart
• Smart Thermal Detector

IDEAL air purifiers

neo protect
• Antimicrobial film

"THE COMPLETE PACKAGE TO FIGHT COVID-19"

NEO·SMART

SMART TERMAL DETECTOR

36.3º NORMAL

A.I FEATURES CONCEPT

SHARP

SHARP DISTANCE MEASURING & TEMPERATURE SENSOR

OMRON
Contactless sensor

OMRON ASIC-TECHNOLOGY SENSITIVE INFRARED SENSOR

200 million units sold worldwide

37.3°C / 32°C   38°C / 37.4°C   42°C / 38.1°C

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neosys.com.sg

SMART THERMAL DETECTOR

COMMERCIAL GRADE SCREENING SYSTEM

Smart Thermal Detector uses thermal, infrared, enviroment temperature and AI features concept.

Perform contactless and automatic body temperature screening to quickly identify abnormal temperature symptoms.

- Body temperature measurement is done within a second. This system is built for quick scanning and avoiding human errors.
- The system is automatically triggered if the body temperature exceeds the threshold.
- Connection with internet and CMS System with encryption makes it easy for recording, tracking, analysis and statistics.

General Thermometers

	neosmart	Forehead Thermometer Gun	Semiautomatic High Resolution Thermal Detection System
Auto Operation	✔	✗	✗
Contactless measurement (Risk of infection)	Further distance & contactless detection reducing risk of infection	Close distance increasing the risk of infection	Further distance & contactless detection reducing risk of infection
Measuring Speed	1-2 seconds/person	2-4 seconds/person	1-3 seconds/person
Accuracy	OMRON SHARP Temperature sensor standard	Might be affected by temperature	Using high resolution thermal detection
Auto Recording	✔	✗	✗
Auto Operation	✔	✗	✗
Alarm	Auto alarm sound & immediate SMS to multiple administrator	✗	Only alarm sound
Auto Supervision	✔	✗	✗
Other add-on Features	Information display & broadcasting for campus / Face recognition + clock card machine / Thermal thermometer + A.I. IoT Control, display on-site temperature & intelligent switch	✗	✗

- CONTACTLESS (MEASUREMENT DISTANCE 0.1-0.5m)
- 1 SECOND QUICK SCAN
- BUILT-IN NFC SWIPE CARD READER
- MEASURE DISTANCE 100mm-350mm
- HIGH TEMPERATURE ALERT
- AUTOMATIC RECORD & CAPTURE + TRACKING
- ABILITY TO LINK MULTIPLE DETECTORS
- COMPACT AND PORTABLE 15" SIZE 10.2" DISPLAY

ADVANTAGES OF SMART THERMAL DETECTOR

- No need for manual operation or supervision
- Further distance & contactless detection reducing the risk of cross infection
- 1 - 2 seconds/person on average (Best for campus, corporates, churches, clubs restaurants, hotels, theatres, residentials, construction sites, retails, enterances/ exits
- +/- 0.3℃ on average
  (Japanese Industrial Standards OMRON thermometer
  + SHARP (Lidar) Distance Measuring Sensor and Temperature Sensor
  + A.I. Detection)
- Built-in Android/Intel microcomputer, auto & online records each individual temperature and detection time, easy to re-check online
- Automatic timer to switch on/off, no need for manual operation
- Automatic sound alarm, and immediate SMS and other notification to multiple administrators
- Supports schools/corporates monitoring whether each personnel of different classrooms/departments have completed morning/afternoon temperature checks
- (A): Information display and broadcasting for campus
  (B): Face recognition + clock card machine: attendance/timing record or opening door management
  (C): Thermal thermometer + temperature thermometer + A.I. - IoT Control, display on-site temperature and intelligent switch to turn on/off appliances

OMRON ASIC-TECHNOLOGY SENSITIVE INFRARED SENSOR

SHARP DISTANCE MEASURING & TEMPERATURE SENSOR

Product Specification

CPU/OS	Cortex A7 Quad Core 1.2 GHz / Android 7.1		
Screen Size	10.2 inch IPS Display		
Measure Sensor	Thermal, Optical, Infrared		
Connectivity	NFC, WiFi, LAN x1, USB x2		
Power Consumption	12W	Operating Temperature	10 to 40℃
Dimensions	L 38x W24cm	Storage Temperature	-10 to 60℃
Weight	1.5kg	Accuracy	± 0.3℃
Mobile Mount (optional)	100 - 150 cm (H)	Measuring Distance	10-35cm
NFC RFID Frequency	13.56 MHz mifare 1 s50,s70 / mifare Ultra-Light, /mifare Pro, mifare desfire		

Types of stand

Kids   Mobile   Desktop   Desktop   Floor Stand   Wall-mount