

INDIA'S FIRST EVER COVID19 SAFETY DEVICE

NUOS IR TOUCHLESS THERMAL SCANNER



Detects elevated body temperature



An essential by
NUOS[®]
Home Automation

SSK





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NUOS IR TOUCHLESS THERMAL SCANNER

HOW IT WORKS?

Touchless and Automatic

The detector is completely touchless and automatic.

When there is no one in front of the scanner

When no one is standing in front of the detector, a blue indicator LED is on.

When there is someone in front of the scanner

Scenario 1:

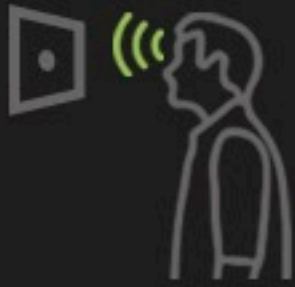
When a person with a body temperature between 35°C-37.8°C stands within 5 cm of the detector, the blue indication LED starts blinking and the buzzer rings for 1 second.

Scenario 2:

When a person with body temperature between 38°C-41°C stands within 5 cm of the detector, the red indication LED starts blinking and the buzzer rings for 5 seconds, stipulating a problem.

When the person moves away from front of the detector blue indicator LED again gets turned on and stays on.

FEATURES



**Detects Elevated
Body Temperature**



Touchless



Plug and Play



**Sound and
Light Indication**



Battery Less



**Results under
One Second**



**Temperature
Unit Change**



**Distance
Sensor**



**Auto Tuning
Feature**

APPLICATION AREAS



Hospitals



Salons



Malls



Offices



Restaurants



Airports



Individual
Homes



Government
Buildings



Railway
Stations



Police
Stations



Society
Buildings



Movie
Theatres

HOW IS OUR SCANNER BETTER THAN OTHERS IN THE MARKET?

NUOS IR TOUCHLESS THERMAL SCANNER



HANDHELD IR THERMAL SCANNERS



Form Factor

Training Requirements

No Training, auto human detection using in-built proximity sensor. Fully automatic product.

Training for operator for holding distance, settings change and battery changing.

Proximity Sensing

Inbuilt proximity sensor for avoiding false negative detection due to incorrect distance between scanner and person.

No proximity sensor. Incorrect distance of sensing could be possible resulting in false negative detection.

Battery

Operated over 110-230VAC mains for continuous uninterrupted operation. Runs continuously over lifetime of the product.

Battery life is limited to 300-400 readings and battery needs to be replaced. Cost of battery is a running expense for the device making the device overall expensive. (One battery pack costs INR 150/-).

Human Intervention

No human operator needed. Device is fully automatic with automatic human presence detection for auto-scanning. Since no operator is needed, there is no risk of transmitting the diseases.

Human operator continuously needed to operate the scanner.

INSTALLATION

The installation is very simple and does not need any civil work or rewiring. It fits in the existing space on a wall. It's a plug and play device which just needs to be plugged in a 110-230V, 50-60Hz Power Socket to power on.

1
Step



Unbox the package.

2
Step



Mount the sensor on the wall with either screw or double sided industrial tape provided in the package.

3
Step



Connect the adaptor to socket.

4
Step



Switch on the socket and let the device stay on for 30 minutes before use.



Detects elevated body temperature

NUOS IR TOUCHLESS THERMAL SCANNER IS READY TO USE.



TECHNICAL SPECIFICATIONS

Dimensions:

H130 mm x L120 mm x D60 mm

Weight:

250 g

Measuring Range:

35°C to 45°C (95°F to 113°F)

Result Time:

1 second

Light Indication:

Blue for Normal and Red for Sick

Power Consumption:

100 mW

Power Supply:

85 – 265 V AC, 50 – 60 Hz, 1ph

Operating Temperature:

20°C to 35°C

Operating Humidity:

85%

Certifications:

CE

WARRANTY:

1 Year warranty on Manufacturing defect.

Physical and Water damage are not covered.

6 Months warranty on Accessories.

Product once sold would not be refunded.

Product not to be used outdoor and under direct sunlight or glare.

There should not be any reflective surface in front of the product.

PACKAGE INCLUDES:

1. NUOS IR Touchless Thermal Scanner connected to Plate & Box
2. Temperature Display Screen
3. Adaptor with Wire
4. 3M Industrial Tape & Screw

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