

LORBOT

# LORASCAN

*A Thermal Facial Recognition Scanner*





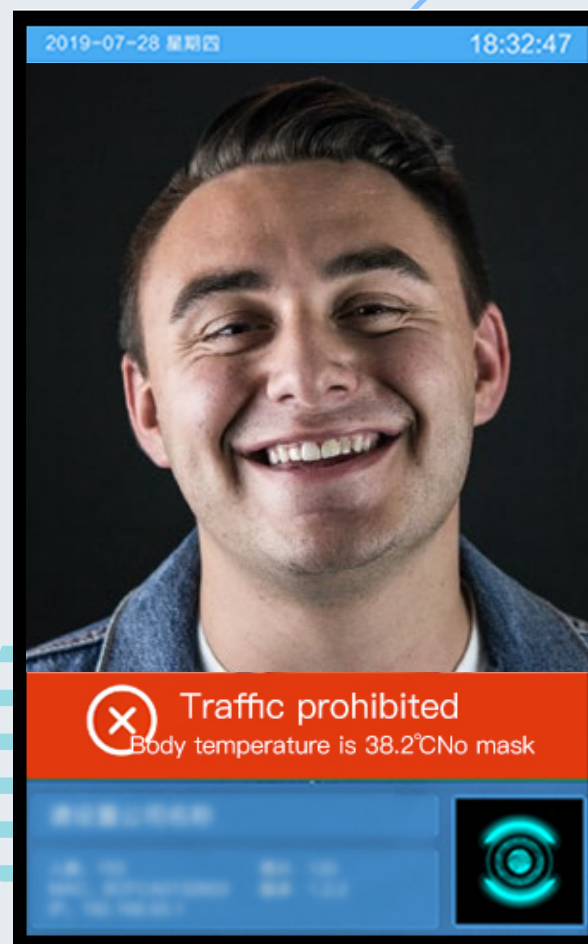
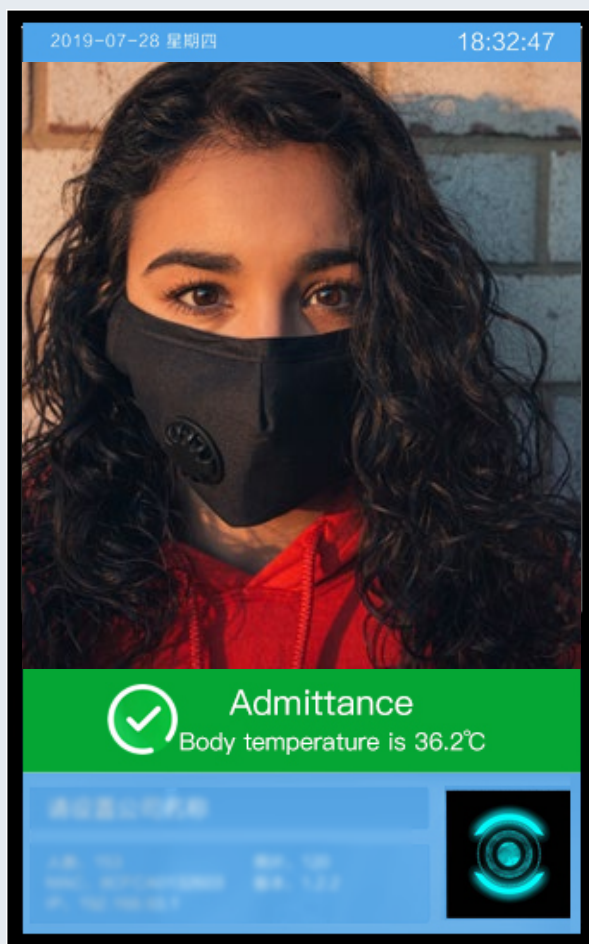
○ AI Face Recognition

○ Temperature Scanning

○ Attendance Tracking

○ Security Access

The Lorascan is a contactless thermal facial recognition scanning device that can be installed anywhere for temperature or attendance taking.



## Germany Heimann Sensor

Accurate temperature measurement, accuracy  $\pm 0.3^{\circ}\text{C}$



## Abnormal Temperature Alarm

Automatic early warning when abnormal temperature is detected



## Exporting of Data

Able to export body temperature data

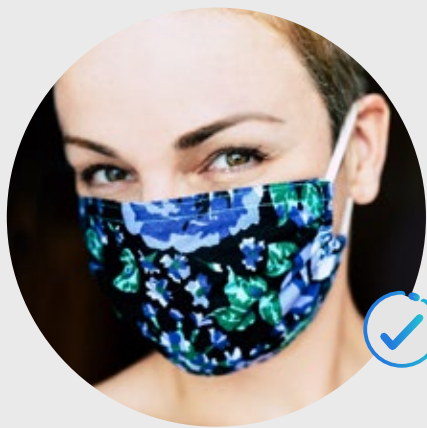
0.6 - 1 Meters  
Measurement Distance



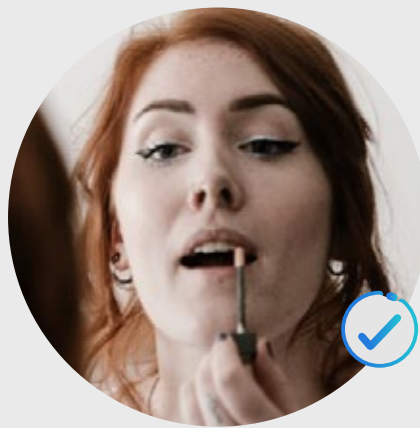
## Non-contact Temperature Measurement

Upon face recognition, it can automatically measure forehead & facial skin temperature.





MASK



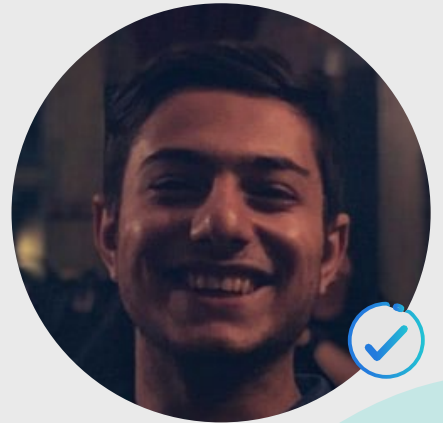
MAKE UP



HAT



SPECTACLES



NIGHT



## High Precision Live-body Detection

Prevents photo and video camouflage



## Identification For Security Access



### Identify users by swiping IDs

Able to collect real-time portraits by swiping IDs and compare ID to person; accuracy rate of >99%



### Identify users with face database

Able to collect face information to create a face database for quick identification on the spot; hit rate of 99.99%



## Large-capacity Face Library



**20,000 face photos**



**200k recognition records**



**20,000 live snapshots**

# Product Details

## Germany Heimann Sensor

Accurate temperature measurement, accuracy  $\pm 0.1^{\circ}\text{C}$

Dual 2 mega pixel camera

8-inch full-view IPS LCD Screen

Beautiful design of waterproof design

Reserved card reader module





# Product Specification

Model	Lorascan		
Size	240 x 128 x 250 mm	Screen	8 inch
Resolution	1280 x 800	Power supply	DC 12V ± 10%
Operating system	Android 7.1	Operating temperature	-10~60℃
Waterproof	IP65	Power consumption	15 W
CPU	High-performance 32-bit quad-core ARM chip		
Dual cameras	2 MP wide dynamic 1/3-inch image sensor, 4.2mm focal length, F2.4 aperture		
Communication mode	TCP/IP, support multiple deployment methods for public/private cloud, LAN		
Storage	8GB storage. Support storage of 20,000 face photos, 200k recognition records and 20,000 live snapshot photos		
Language	English, Chinese, Deutsch, Espanol, Italiano, Français, русский, Polski, عربي, ไทย, 한국어		
Output method	Support 232 serial port, Wiegand output		
Interface	RS 232, USB, USB OTG, Wiegand input, Wiegand output, Ethernet, Relay		
Shipping size	710 x 450 x 250 mm		



## Supports LAN Mode

Manage all devices remotely on LAN platform via your computer anytime in the office

*For Device settings, Attendance record management, Personnel management, Import & export data, etc.*

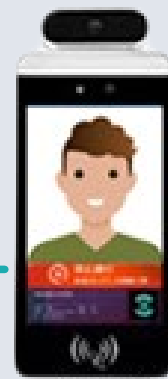


## Supports Stand-alone Mode

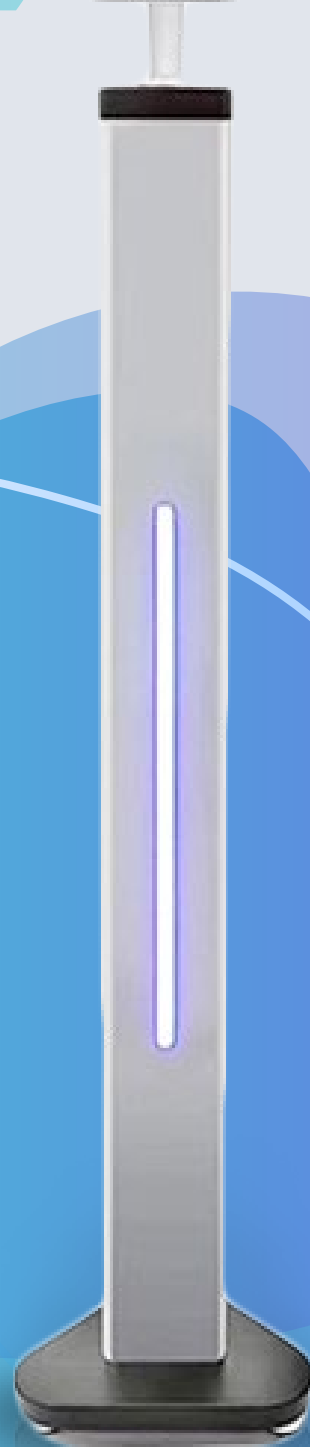
Can be used offline independently; without network restrictions

*For face comparison, temperature measurement by local data, import & export data via flash drive.*

110cm Vertical Stand



Desktop

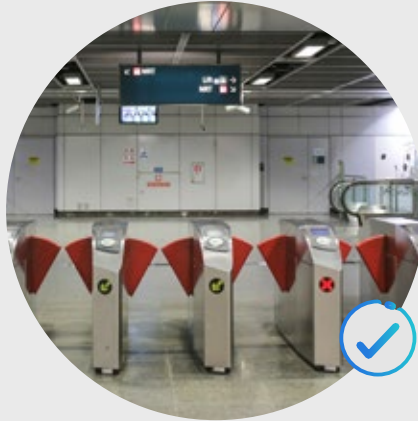


# Applications



SCHOOLS

OFFICES

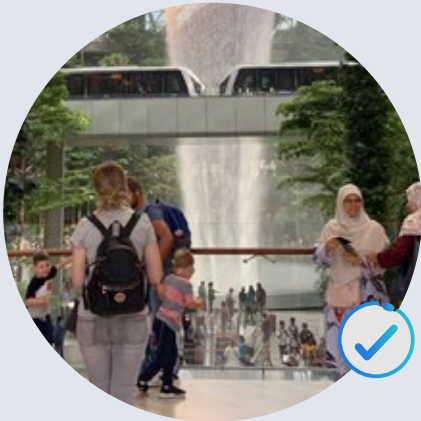


PUBLIC TRANSPORT  
GANTRIES



MALLS

MARKETS



AIRPORTS



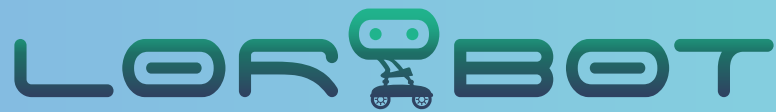
HOSPITALS



ELDERLY HOMES

CHILDCARE  
CENTRES





With the recent outbreak of Covid-19, we strive to provide an integrated smart-tech solution via a suite of enterprise robots to assist our frontline staff, healthcare workers & volunteers in combating the novel virus.

## Our solutions are brought into Singapore exclusively by LDR Pte Ltd to

- A** Enable frontline staff to carry out their duties whilst minimising physical contact with others
- B** Provide management full visibility of all robots & devices deployed in the premise
- C** Monitor the health status & movement of staff who were deployed & Covid-19 patients housed across various facilities
- D** Allow those who're quarantined/isolated to reconnect with their loved ones or receive professional help from doctors digitally

If interested or have further enquiries,  
please feel free to contact Kelvin at:

 +65 8468 2914

or LDR at:

 +65 6255 4645     [enquiries@ldr.sg](mailto:enquiries@ldr.sg)