VIPERA

VIPERATRON VAXIPASS
DIGITAL THERMOMETER KIOSK.

Kiosk with **Temperature** Check

Industry-leading, automated personnel check-in kiosk.

Non-contact kiosks automatically read body temperature in seconds, with optional facial recognition. The Vipera kiosk range is designed to provide a safe environment for your employees, customers and visitors.

Screen all individuals before entry to public and private premises such as;

Office Building	Supermarkets and Grocery Stores	Retail Stores and Shopping Malls	Hotels and Airports
Manufacturing Plants and Factories	School	Healthcare settings	Universities

The Vipera kiosks are powered by Smart Pass software, designed for automated visitor and employee sign-in. All purchases of Vipera kiosks include your Smart Pass software.

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KEY FEATURES

Reads Temperature in ~1 Second

Optional Mask Detection

User Journey Builder to Customise The Sign-in Process

Contact Tracing is Made Easy with Reports and Logs

Optional ID Badge Printing

Email Alerts Notifying Members of Staff about High Temperatures

FACE ID

Optional Facial Recognition To Recognise and Allow Entry to Vetted Individuals

Touchless agreements And questionnaires using Gesture recognition

APIs - Integrate with other applications to send scan information and update user database

Scan QuickPass QR code to sign in - coming soon! (Not available on LD-AITemp-Device model)

Monitor Your Device From Another Screen With The Hdmi Output Function. (Not Available On Ld-aitemp-device Model)

1 Year Standard Warranty with optional upgrade to extended 3-year warranty

Remote Cloud Management to Monitor Logs and Control Devices

Battery-Powered Option With 12+ Hours Continuous Power

Plug and Play Solution – Can Operate Standalone With Power Only

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Accurate Temperature Detection

- Reads temperature in ~ 1 second
- Top of the range German manufactured temperature sensor
- Marginal measurement error of ±0.5°C/±0.9°F
- The recommended distance for the most accurate readings is 0.5 meters, with 1 Meter being the furthest distance where temperature can be read
- Temperature threshold for abnormal temperatures is easily adapted in the application settings

Durable, Commercial-Grade Hardware

- 8-inch IPS full-view LCD display
- Commercial-grade, waterproof and dust-proof design which is durable and reliable
- Built-in speakers provide audio alerts including warnings for abnormal temperatures and to request that users wear a mask
- Integrated RFID reader for reading access cards and fobs.
- Calibrated and quality assured in the UK

Smart Facial Recognition

- Industrial-grade binocular wide dynamic camera, night infrared and LED dual photo flood lamp
- Face recognition speed is ~ 1 second
- Database capacity for 30,000 faces
- Supports recognition and comparison of faces with masks
- The 1:1 comparison recognition rate is more than 99.7%, the 1:N comparison recognition rate is more than 96.7% at a 0.1% misrecognition rate, and the live detection accuracy rate is 98.3% at a 1% mis rejection rate
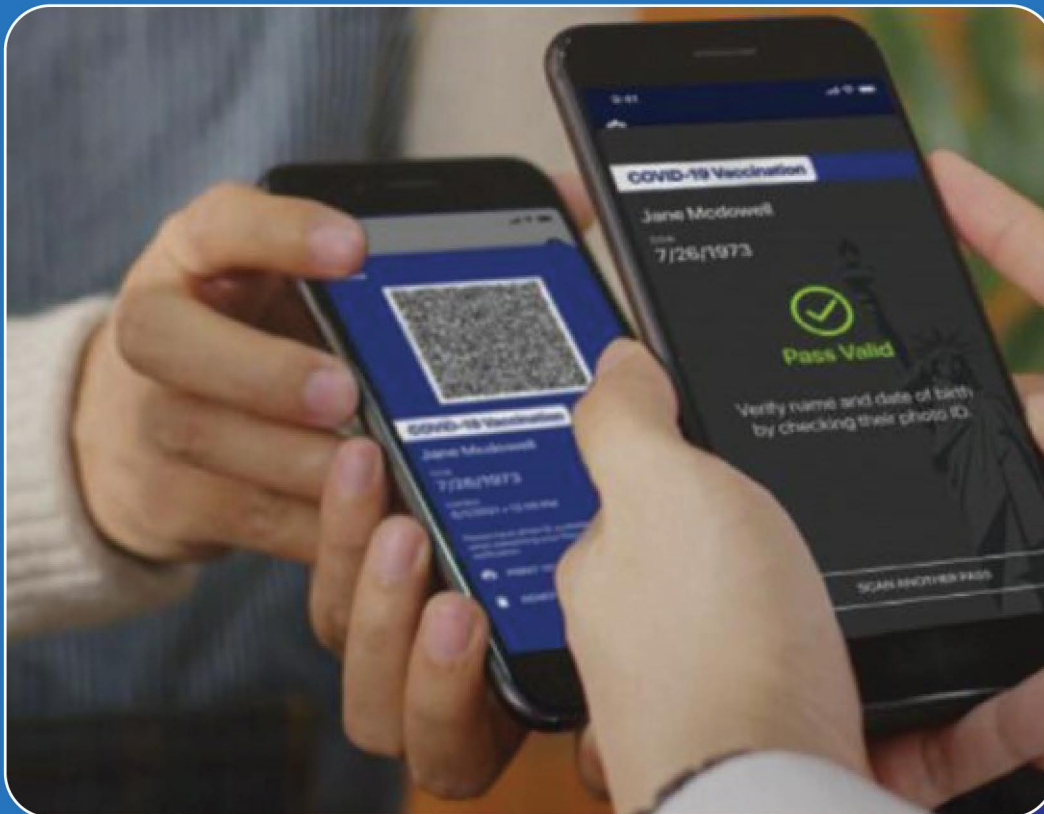
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Smart Face Recognition Access Control Terminal for Digital Covid Certificates

? What is the Digital Covid Certificates?

A Digital Covid Certificates is a digital proof that a person has either.

Been vaccinated againts COVID-19

Received a negative test result or

Recovered from COVID-19

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The Digital Covid Certificates

The Digital COVID Certificate

Regulater entered into application n 01 July 2021. US Citizen and resident will now able to have eir Digital COVID Certificates issued and verived across the US.

Key Features of the certificate

✓ **Key Features of the certificate**

Digital and/or papper

Free or charge

In nation Language and English

Safe and Secure

Valid in all US Countries

What we can do for supporting this project of the US Digital COVID Certificate?

1 Firstly, we are 12-years professional factory, what we can do mainly us to offer the Hardware with functions programming customization, we can completely offer such a face device supporting QR code recognition device.

2 The project bidder needs to have a strong web cloud which can connect to the Database center of US Digital COVID Certificate in different countries. Travelers of passengers comes to do temperature measuring at the face device, then show the US Digital COVID certificate for verification after comparing the QR code with the Database, after the successful comparison, the barrier gate will be released.

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Product Overview

VaxiPass: Vaccine QR code reader   VIPERA
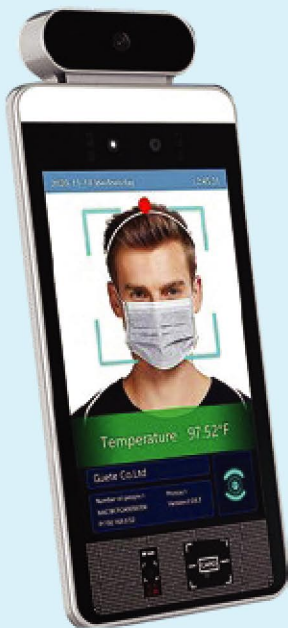
Vaccine QR Code Recognition

Digital COVID
Vaccine Certificate

1 **Scan the Vaccine QR Code**

VaxiPass: Vaccine QR Code Support
(compatible with all Vaccine apps worldwide)

2 **Detect Body Temperature**

**Fast Result Readouts with Realtime
Email Alert Notifications**

www.**vipera**tech.com

3 Detect Mask

4 Face Recogniton

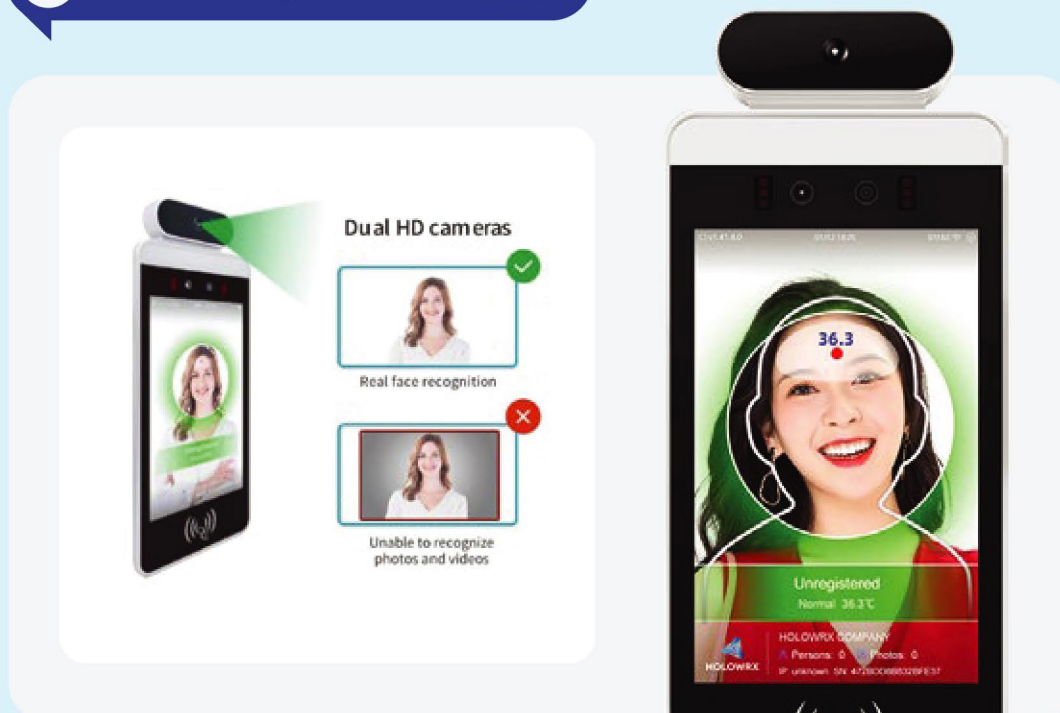**Real Face Recognition**

5 Allow Passage

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Support Digital Covid Sertificate Recognition

Viperatron VaxiPass VIPERA

1 **Scan the Covid Certificate**

2 **Face Recognize (Optional)**

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3 Detect Body Temperature (Optional)

Normal Temperatur   **Abnormal Temperatur**
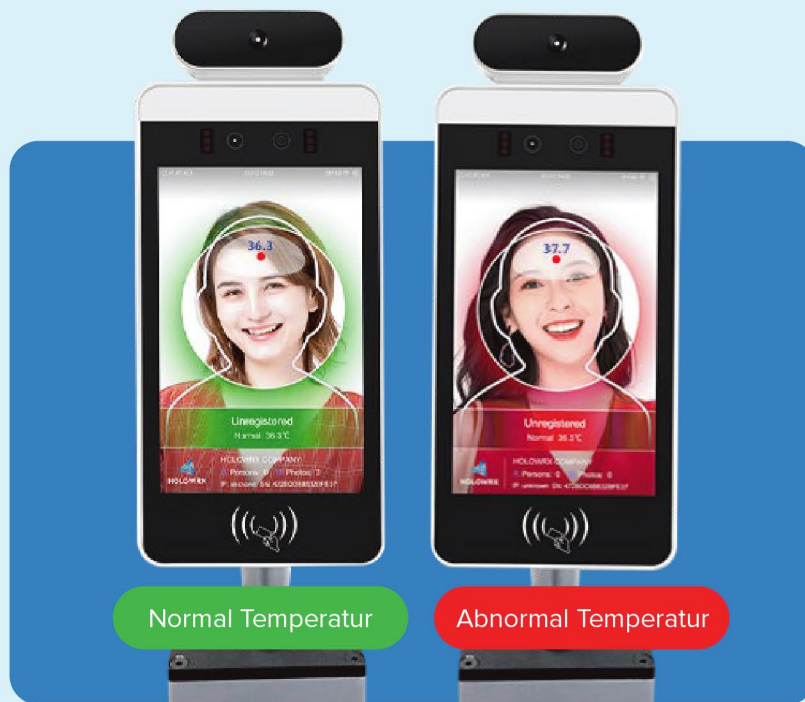
4 Detect Mask (Optional)

Please wear a mask

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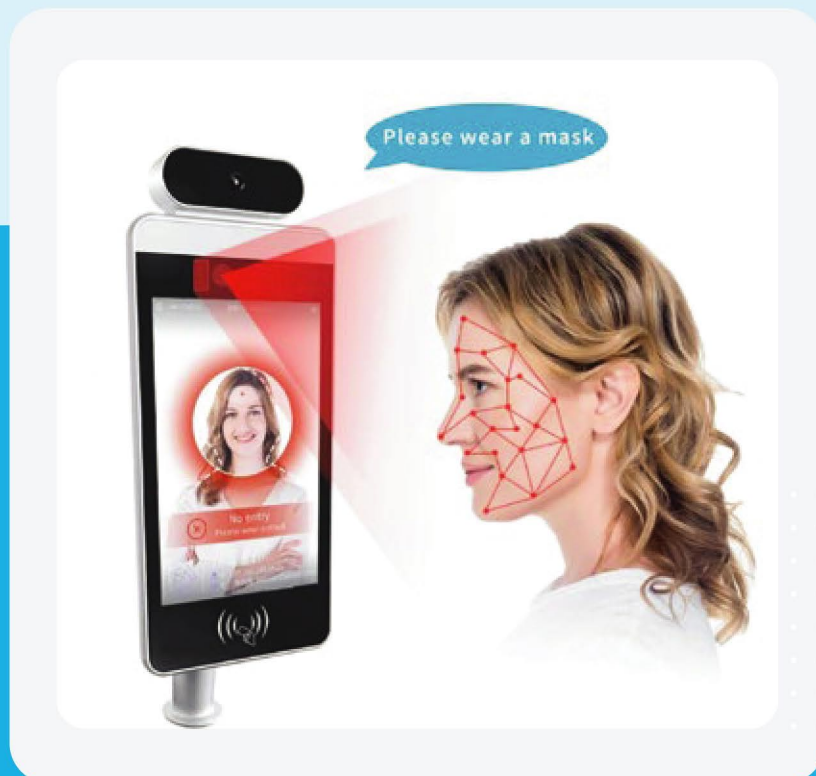
- ✓ **Name**
- ✓ **Date of Birth**
- ✓ **Number in a Series of Doses**
- ✓ **The Overall Number of Doses in the Series**
- ✓ **Date of Vaccination**
- ✓ **Member State of Third Country in which in the Vaccine was Administered**
- ✓ **Certificate Issuer**

Invalid Vaccine Pass: Red Alert With Alarm

Valid code display resuLt

Invalid code display result
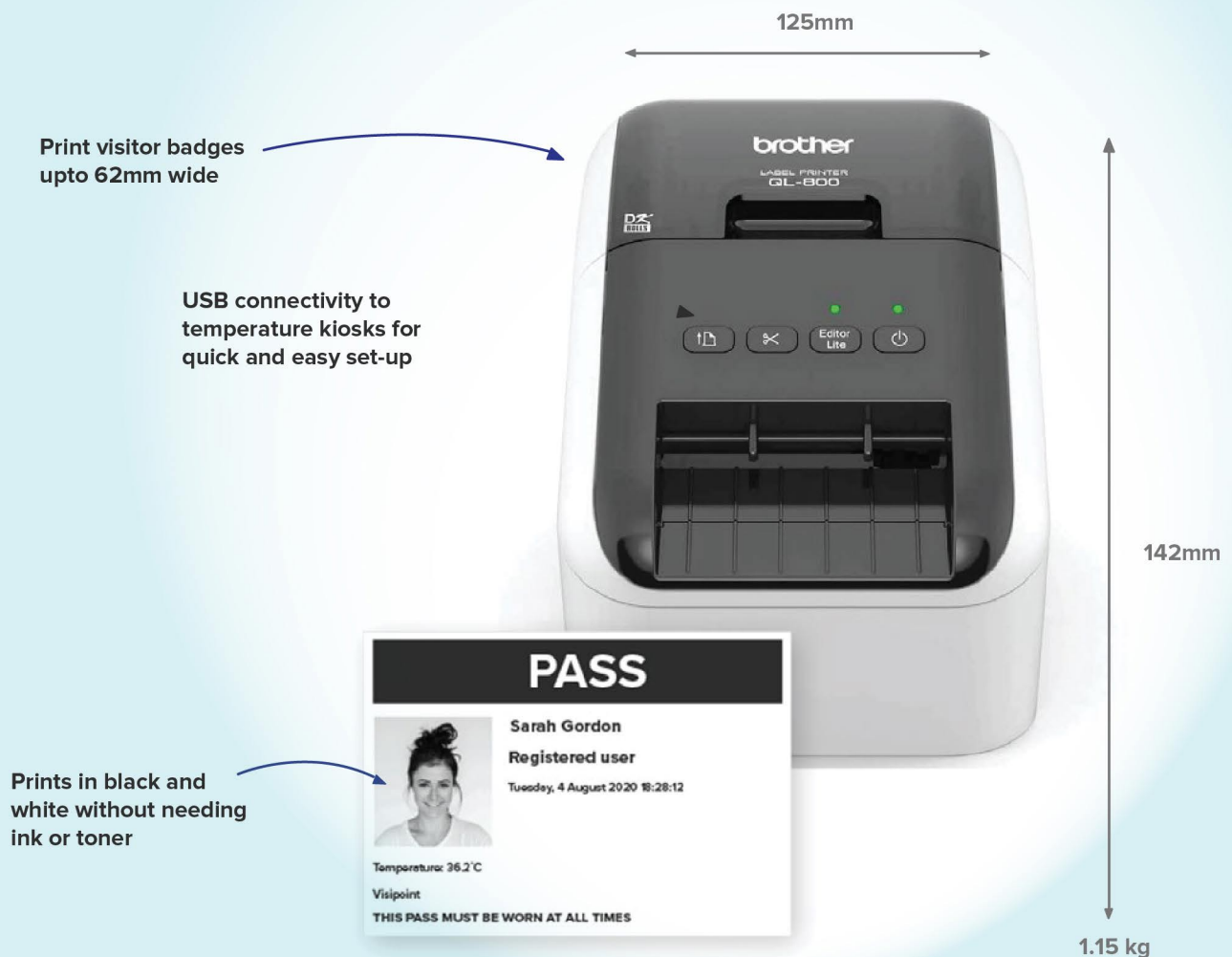
www.**viperatech**.com

Email Alerts

The email alerts feature allows the system to send an email to a specified set of email addresses whenever a scan fails due to high temperature, no mask, or both.

ID Badge Printing

The badge printing feature allows the system to print a badge whenever a successful scan is completed. The criteria for when a badge is printed and what is displayed on the badge can be set in print badge settings.
In order to print badges, connect a Brother QL-800 printer to the kiosk via USB.
The badges are designed to be printed on DK-2205 / DK-22205 continuous paper label rolls.

125mm

Print visitor badges upto 62mm wide

USB connectivity to temperature kiosks for quick and easy set-up

142mm

PASS

Sarah Gordon

Registered user

Tuesday, 4 August 2020 18:28:12

Temperature: 36.2°C

Visipoint

THIS PASS MUST BE WORN AT ALL TIMES

Prints in black and white without needing ink or toner

1.15 kg

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LD-AlTemp-Device (Gen 1) - Kiosk Features

Facial recognition camera

Capture photos for visitor badges directly from the device

Facial recognition allows for quick and easy sign-in for registered users in the database.

Ruggedised

Ruggedised, commercial-grade hardware designed for use in public environments.

2020-07-22 Wed   12:10:48

VIPERA

Temperature Measurement

A built-in temperature reader that uses thermal imaging to accurately read your temperature

Easy personalization

On-screen personalization

Standard RFID reader

Sign-in using your existing access cards and fobs. Reads standard Mifare cards, 13.56 Mhz and 125 Khz.

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Vipera (Gen 2) - Kiosk Features

Temperature measurement

A detachable temperature reader that uses thermal imaging to accurately read your temperature

Touch screen

The kiosk can be operated non-touch where non-contact scanning is preferred

HDMI output

This allows the device screen to be mirrored to another screen for monitoring, particularly useful for monitor the device from behind reception or security staff to their desk/screen

Ruggedised

Ruggedised, commercial-grade hardware designed for use in public environments

Facial recognition camera

Capture photos for visitor badges directly from the device.

Facial recognition allows for quick and easy sign-in for registered users in the database

Easy personalisation

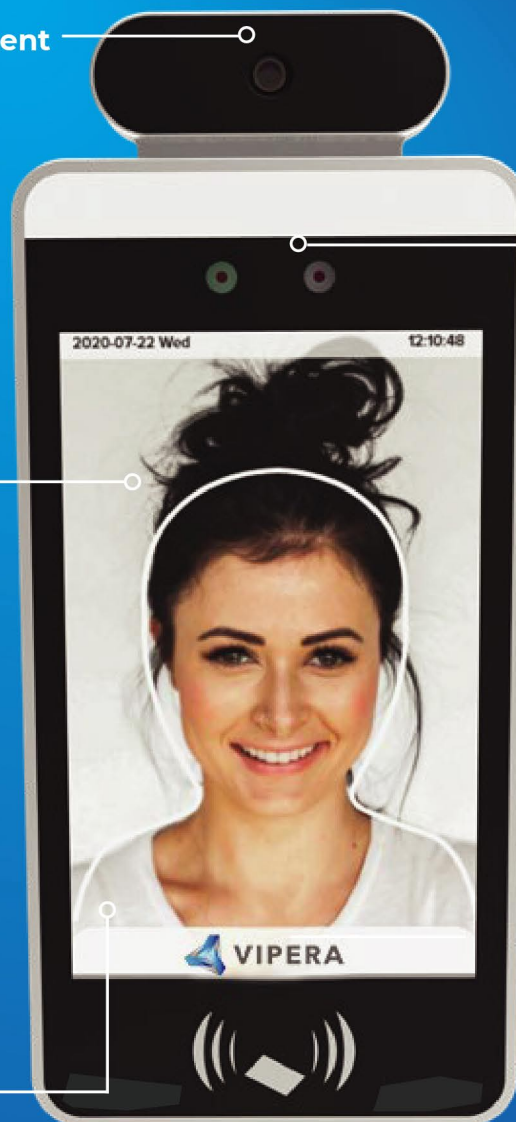On-screen personalisation

Multi-frequency RFID reader

Sign-in using your existing access cards and fobs. Reads a large variety of frequencies including HID, 13.56Mhz, 125Khz, Mifare, NFC, PAC and Paxton.

QR code reader

The built-in QR code reader scans QR code entry passes

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Mounting and Configuration

Mount the device onto an existing surface or select a desk stand, freestanding floor stand or wall mount.

Desktop mount & kiosk

Surface mount

Floor stamd & kiosk

& Kiosk Wall Mount

Badge printer & mount - can be attached to the floor stand or directly onto a wall

Viperatron battery pack with case

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Vipera - Kiosk Features

Temperature measurement

A detachable temperature reader that uses thermal imaging to accurately read your temperature

Ruggedised

Ruggedised, commercial grade hardware designed for use in public environments

Anti-glare coating

Anti-glare coating with a smooth to the touch finish

HDMI output

This allows the device screen to be mirrored to another screen for monitoring, particularly useful for reception or security sta to monitor the device from behind

Facial recognition camera

Capture photos for visitor badges directly from the device. Facial recognition allows for quick and easy sign-in for registered users in the database

Touch screen

Vivid 15-inch IPS full-view LCD touch screen (temperature scanning platform only operates fully non-touch)

Multi-frequency RFID reader

Sign-in using your existing access cards and fobs. Reads a large variety of frequencies including HID, 13.56Mhz, 125Khz, Mifare, NFC, PAC and Paxton.

QR code reader

The built-in QR code reader scans QR code entry passes

Matt black casing

Sleek matt black casing that looks modern and sophisticated in any environment

2020-07-22　12:10:48

36.3°C

VIPERA
Welcome Jamie!
STAFF

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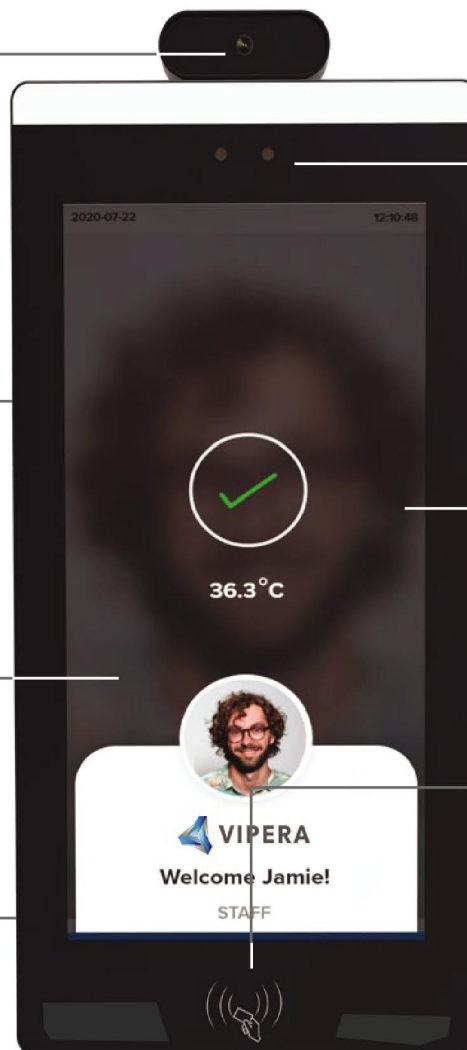
Mounting and Configuration

Mount the device onto an existing surface or select a wall mount or freestanding floor stand.

Floor Stand & Kiosk

Badge printer & mount - can be attached to the floor stand or directly onto a wall

Wall mount

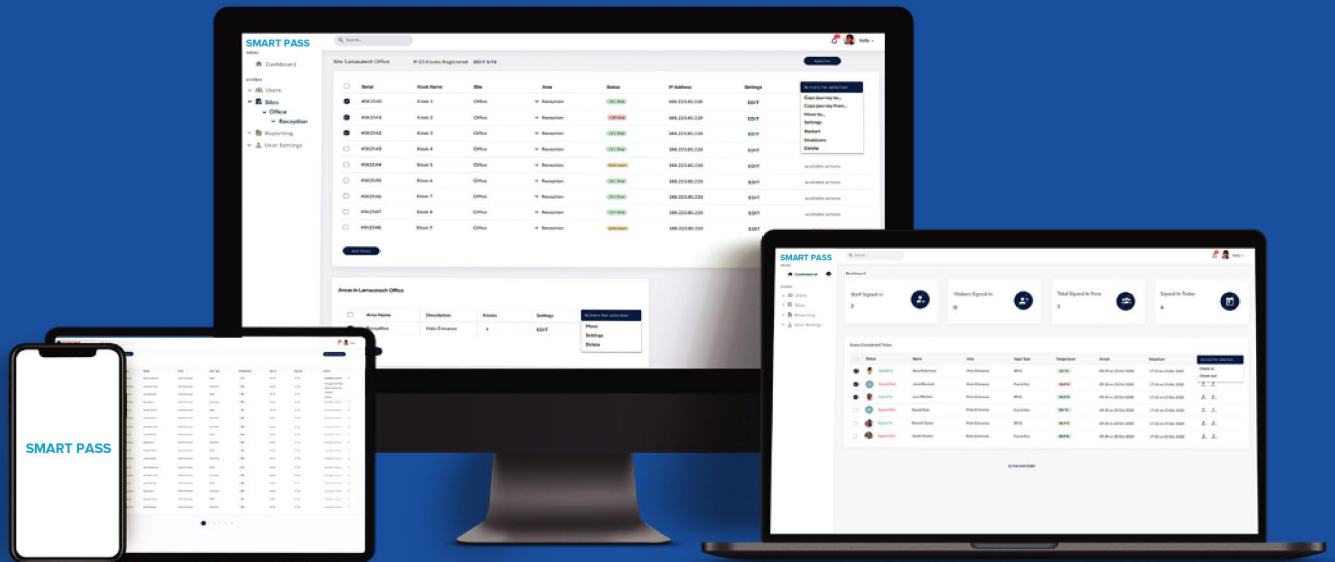**Viperatron battery pack with case**

Surface mount

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Mounting Options

Turnstile Integration

Integrate the device with turnstile access using our dry relay connection, to allow turn-stiles to open to stand/or visitors that pass the acceptable temperature threshold.

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Smart Pass Cloud - Remote management platform

Smart Pass Cloud is the number one visitor and employee sign-in platform. It's the perfect partner for Viperatech's Vipera kiosks. Say goodbye to exporting logs, changing settings and importing users on every kiosk.

With Smart Pass Cloud you can monitor live entry logs, control your kiosks and manage your sign-in process, all in one place. Access the platform anywhere, from any device with a browser – such as your desktop, tablet or mobile device. All data is stored securely in the cloud using geographically compliant server data management in the US, Canada, UK & EU.

Smart Pass Cloud allows you to:

✓ Improve reporting accuracy and save time by accessing up-to-date logs for all devices

✓ Check the status of your kiosks and fix any issues quickly without having to leave your desk

✓ Save time managing your user lists, such as your sta directory, remotely

✓ Build your user journeys online and apply these to your kiosks in seconds

✓ Design and edit your compliance checks across your device fleet

✓ Create custom user types to track you user groups e.g. vaccinated and non-vaccinated employees in contact on a particular day

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Vipera Extended Warranty (3 Years)

Extend the 1-year standard warranty included to a 3-year standard warranty. Upon receipt of the faulty device, LamasaTech will repair the fault or send a replacement device.

Vipera Care Plan

With the Vipera Care Plan, you'll benefit from Advanced Replacement Protection and a guaranteed Service Level Agreement (SLA).
With Advanced Replacement Protection, a replacement device will be sent to you within 1 working day of a fault being registered. To ensure minimal downtime, you will return the original device to Viperatech only once you receive the new device. If the model you possess is no longer in production you will receive the next product line. Our SLA guarantees all support tickets will receive a response within 1 working day.

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Check the COVID-19 vaccination status of your visitors and employees easily on entry to your premises

With VisiPoint you can read, verify and securely track your visitor's and employee's vaccination records as they sign into your facilities. Comply with regulations in your local area by requiring proof of vaccination or negative test results on entry for workers, visitors and customers.

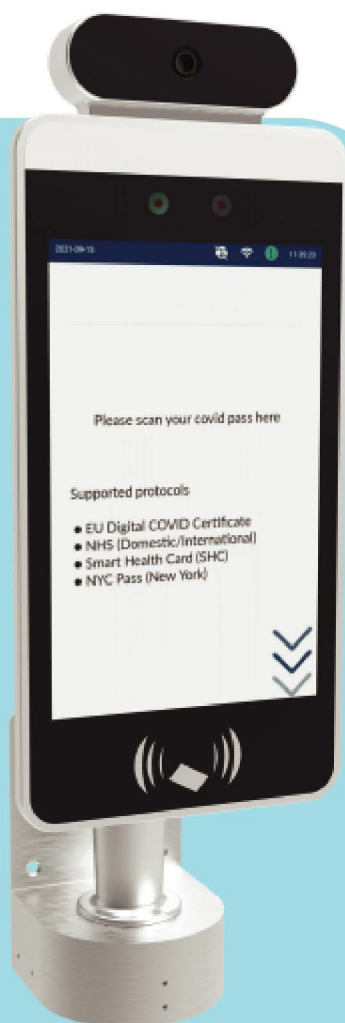Self-service vaccination certificate scanning on entry to premises

Email alerts sent to admins when users fail to provide valid certification

View and export your entry logs with the vaccination status for every user

Integration with international certification to verify validity of certifications

Easily track the COVID-19 vaccination status of workers and visitors on entry

Ask individuals to scan their digital COVID-19 vaccination pass or negative test result on entry, as they sign in on your self-service kiosks.

Refuse entry to users who do not scan a document when prompted and send an email notification to admins when a user fails the check.

You can require users to scan their pass daily or every time they sign in, and you can make this optional so individuals are permitted to enter whether they scan a document or not.

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Read, verify and store vaccination certificate details automatically on touchless kiosks

Key information including name and vaccination date is pulled from the COVID-19 certificate when scanned using the QR code reader on the kiosk.

The vaccination pass data is verified (where compatible) and the result is displayed on screen to the user.

Status of the document for each user is available for in the entry logs. Export your logs quickly and easily from the kiosks to a USB drive.
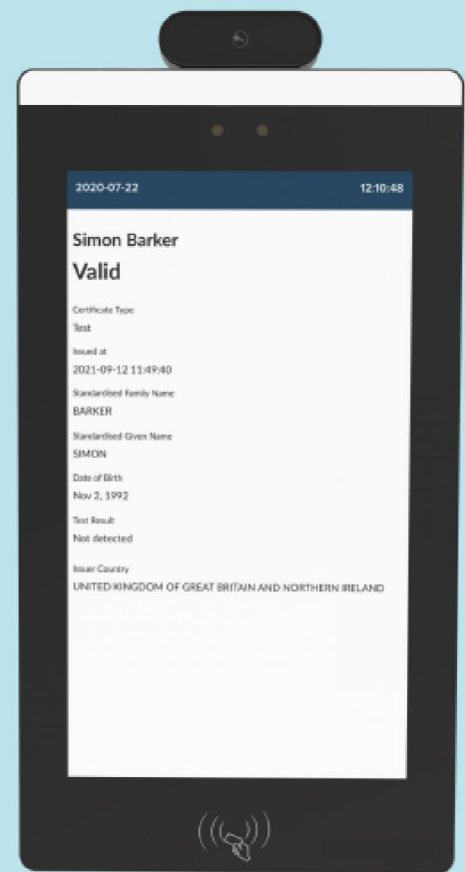
Compatible with international COVID-19 certification standards

Our visitor and employee vaccine tracking feature is compatible with a range of international digital COVID-19 certificates covering a number of US states, the UK and Europe.

▶ EU Digital COVID Certificate - Read, verify and store data functionality

▶ NHS (Domestic/International) - Read, verify and store data functionality

▶ NYS Excelsior Pass & NYS Excelsior Pass Plus - Read and store data functionality

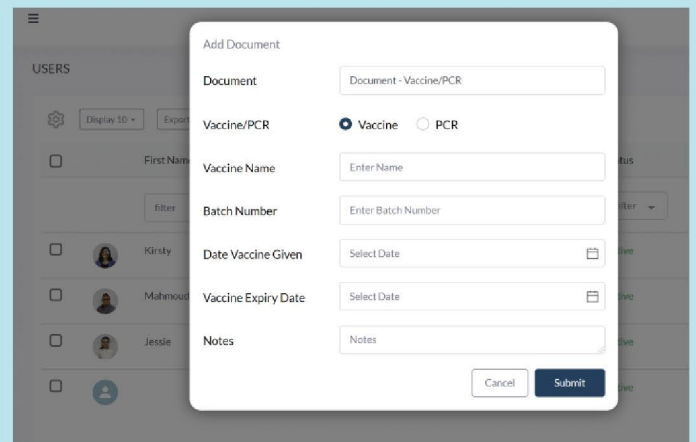▶ Smart Health Card (SHC) - Read and store data functionality

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Compatible with International COVID-19 Certification Standards

Add vaccination records manually to user profiles

Manually add vaccination details to a user's profile from the cloud dashboard for users who do not have their digital COVID-19 certificate.

Admins can enter the details from a user's vaccination card, manage expiry date and delete a certificate from a user profile.

If VisiPoint cannot scan your local region's certificate at this time, you can use this feature to manually add and monitor vaccination records.
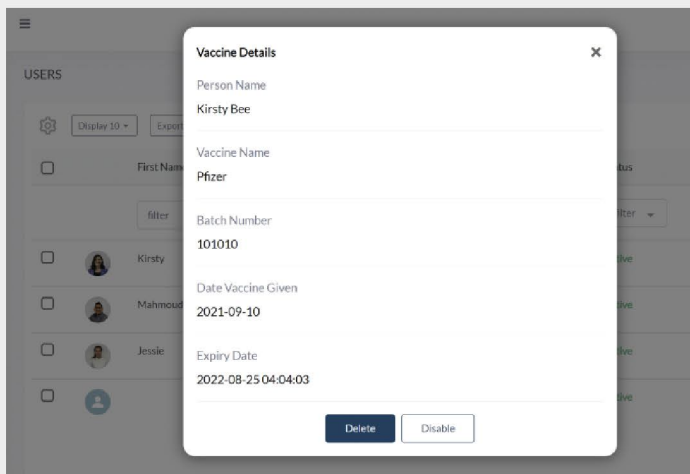
Manage user profiles and documents in one place

Connecting your kiosks to VisiPoint Cloud gives you the ability to store a user's vaccination pass details until the expiry date.

Users will scan their pass once and then they will be recognised as having a valid document when they sign in at any kiosk. Once their pass expires, the kiosk will prompt them to scan their pass once again.

On the cloud dashboard you can view a user's documentation in their profile, manually add a certificate or delete a certificate.

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Adapt the sign-in flow for different user groups

Segment your users into different user groups such as vaccinated and unvaccinated staff, in order to adapt the steps they follow when signing in on your kiosks.

Create custom user types, filter users and control the sign-in journey from the cloud dashboard. Edit the flow for each user type to add or remove steps, such as mask detection, temperature check and health screening questionnaires.

Access live reports with vaccination status for each user

Access live reports for all your devices in once place with full history of your entry logs. You can export the reports quickly in excel or pdf format.

Vaccination status is included with each user record alongside key details such as name and photo.

Track and trace reports pull a report of who may have been in contact with a particular person for contact tracing purposes.

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Battery-powered configuration for Viperatron kiosks

LamasaTech has engineered a new battery pack design to power the Viperatron kiosks for 12-24 hours of continuous battery operation. While the design has been stress tested to cover more than 24 hours, we benchmark the system for 12 hours depending on usage, meaning your battery can be charged at night to provide continuous power throughout the day.

- ✔ Cable-free solution perfect for any indoor location
- ✔ Sleek streamlined design
- ✔ 12+ hours continuous operation
- ✔ Lockable case prevents tampering and secures the power button and plugs
- ✔ Quick and easy removal of battery from case for charging or charge the battery while the device is in use
- ✔ Compatible with all models - Viperatron 15, Viperatron 8 (Gen 2) and LD-AITemp-Device (Gen 1
- ✔ Pairs with 3 kiosk configurations - attach to the floor stand*, secure to a wall for use with a wall mount kiosk, or use with a desk mount kiosk

*The battery pack and casing fits our current floor stand design. If you have an older model, you may require a new stand for compatibility.

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Product codes

151.2 mm

275.2 mm

350 mm

47.8 mm

155. 6 mm

207.5 mm

33 mm

126.5 mm
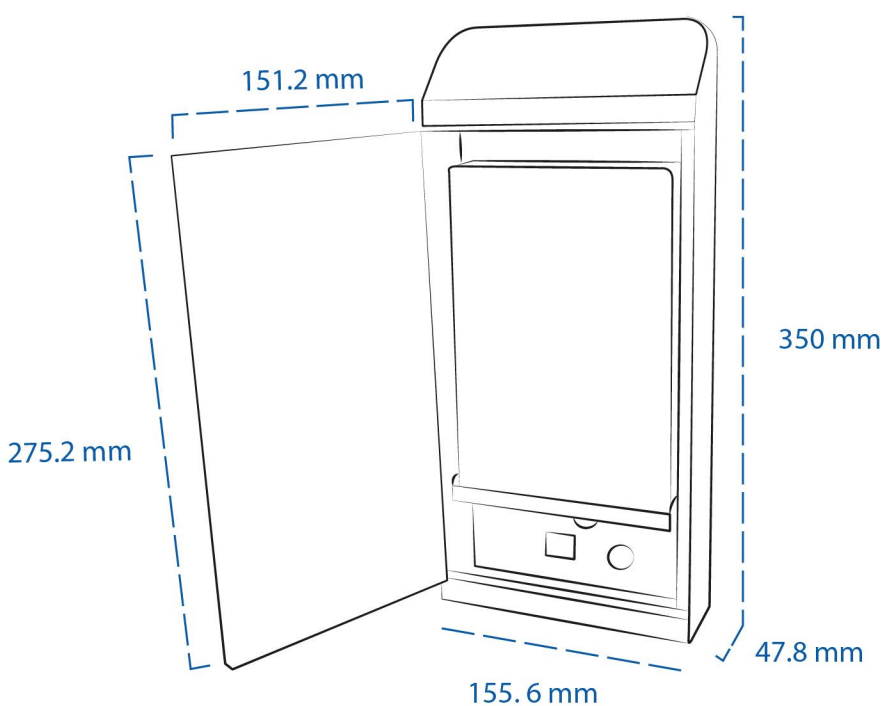
LT-Viperatron-BA50-ACC

Viperatron Battery Pack with Case, Cables and Charge Adapter
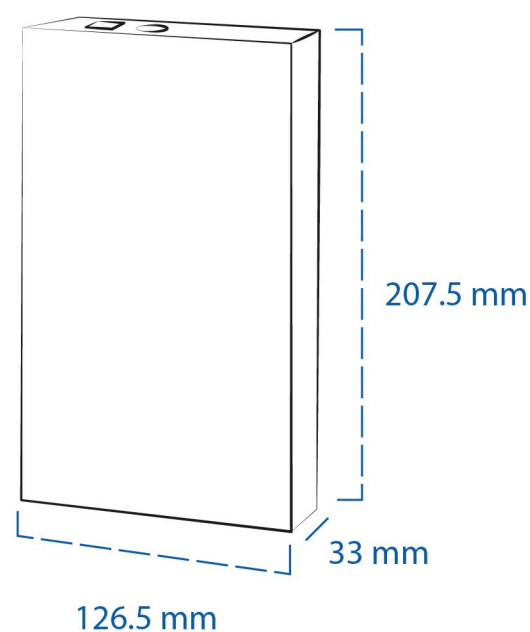
LT-Viperatron-BP50-PRT

Viperatron additional battery pack only

For more information on the Viperatron kiosks range **click here** to see the full brochure.

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Kiosk placement

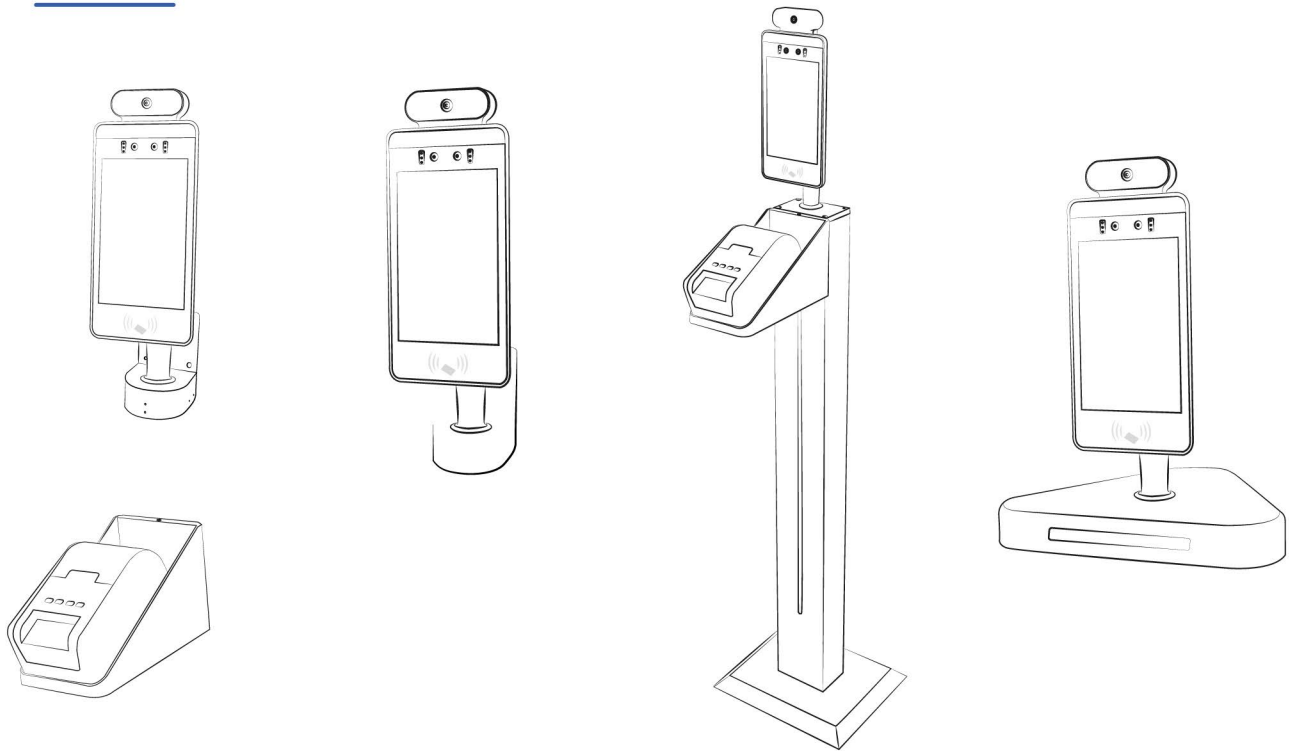**Do not place the device directly :**

- Facing the sun or in a location where the sun is directly facing the person
- In front or near an air outlet of an air conditioning or radiator device during measurement
- In front or near to strong infrared emitting light
- In a room where heating/cooling ducts are in the ceiling or directly below ceiling ducts

The above can cause changes to the forehead temperature. Measurements should be taken in a stable environment.

Do not measure body temperature in an environment with:

- Strong electromagnetic interference (examples include places close to a working microwave, induction appliances) as EM interference may cause errors in the reading or even device failure.

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Product Codes

LD-AITemp-Device (Gen 1)

Model Name	Product Code	Product Notes
Temperature Pass Management & Face Recognition Surface Fixed Terminal	LD-AITemp-Device	Kiosk Device Only – On Pole To Be Mounted To Existing Surface
Temperature Pass Management & Face Recognition Wall Terminal	LD-AITemp-Wall Device	Kiosk Device With Wall Mount
Temperature Pass Management & Face Recognition Terminal on a Pedestal	LD-AITemp-FMKiosk	Kiosk Device With Freestanding Floor Mount
Temperature Pass Management & Face Recognition Terminal on a Desk Stand	LD-AITemp-DMKiosk	Kiosk Device With Portable Desktop Stand
Temperature Kiosk Pedestal Floor Mount	LD-AITemp-Floor-Mount	Freestanding Floor Mount Only
Temperature Kiosk Desktop Stand	LD-AITemp-Desk-Mount	Desktop Stand Only

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Product Codes

Vipera 8 (Gen 2)

Model Name	Product Code	Product Notes
Vipera" Visitor and Employee Sign-In Kiosk with Temper-ature Measurement fixed terminal	FS- Viperatron 8-T	Vipera 8 Kiosk Device Only — On Pole To Be mounted To Existing Surface
Vipera" Visitor and Employee Sign-In Kiosk with Temperature Measurement on Desk Stand	FS- Viperatron 8-T-DESK	Kiosk Device With Portable Desktop Stand
Vipera" Visitor and Employee Sign-In Ki-osk with Temperature Measurement on a Pedestal	FS- Viperatron 8 -TFLOOR	Kiosk Device With Freestanding Floor Mount
Vipera" Visitor and Employee Sign-In Kiosk with Temperature Meas-urement Wall Terminal	FS-Viperatron - T-RTWALL	Kiosk Device With Wall Mount

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Product Codes

Vipera

Model Name	Product Code	Product Notes
Vipera 15" Visitor and Employee Sign-In Kiosk with Temperature Measurement fixed terminal	FS-Vipera 15-T	Vipera 15 Kiosk Device Only – On Pole To Be mounted To Existing Surface
Vipera 15" Visitor and Employee Sign-In Kiosk with Temperature Measurement on Desk clamp	FS-Vipera 15-DClamp	Kiosk Device With Portable Desktop Clamp
Vipera 15" Visitor and Employee Sign-In Kiosk with Temperature Measurement on a Pedestal	FS-Vipera 15-FLOORL	Kiosk Device With Freestanding Floor Mount

Accessories

Wall Mount	FS-Vipera-RT Wall-ACC	Wall Mount
Printer Mount	FS-Vipera-Pmount-ACC	Printer Mount

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Specifications - LD-AITemp-Device (Gen 1)

Model	Temperature Pass Management Module & Face Recognition Kiosk	
Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic camera
	Aperture	F2.4
	Focusing distance	50-150cm
	White balance	Auto
	Photo flood light	LED and IR dual photot flood light
Screen	Size	8.0 inch IPS LCD screen
	Resolution	800x1280
	Touch	Not supported (optional upgrade)
Processor	CPU	RK3288 quad-core (optional upgrades - RK3399 six-core, MSM8953 eight-core)
	Storage	EMMC 8G
Interface	Network module	Ethernet and wireless (WIFI)
	Audio	2.5W/4R Speakers
	USB	1 USB OTG, 1 USB HOST standard A port
	Serial Communication	1 RS232 Serial Port
	Relay Output	1 Door open Signal Output
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 output.
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
Functions	Face database libary	Upto 30,000
	1:N face recognition	Support
	1:1 face comaprison	Support

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Functions cont.

Stranger detection	Supported
Identify distance	Supported
Auto-update	Over the air or via USB
Deployment method	Support public cloud deployment, or stand alone.
Alerts feature	Email notifications for high temperature readings.
ID badge printing	The badge printing feature allows the system to print a badge whenever a successful scan is completed.
Public APIs	Register and delete faces, upload scanned records

Infrared Thermal Imaging Module

Temperature detection	Supported – Optional feature which can be disabled if not required
Temperature detection distance	1 meter (3.2 feet) (optimal distance is 0.5 meter)
Temperature error rate	± 0.5°C, ± 0.9°F
Temperature meausurement range	10°C ~ 42°C, 50 ~ 107.6°F
Thermal field of view	32° x 32°
Normal temperature confirmation	Supported – Optional settings for verbal confirmation message and success light can be configured.
Abnormal temperature alarm	Supported – Temperature threshold can be configured as well as optional settings for verbal warning message and warning light

General Parameters

Power	Input: 100-240V Output: 12V (±10%)
Operating temperature	0°C ~ 60°C, 32°F ~ 140°F
Storage temperature	-20°C ~ 60°C, -4°F ~ 140°F
Power Consumption	13.5W (max)
Installation method	4 configurations available – surface, wall mount, desktop stand mount, freestanding pedestal mount

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General Parameters cont.	Size	H260.18 x W132.88 x D25 (mm)
	Packing list	Kiosk terminal (1), power adapter for your region (1), mount of choice (1)

Modules	Standard RFID reader	Reads standard Mifare cards, 13.56 Khz 125 Mhz (Wiegand connection)

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Specifications - Vipera 8 (Gen 2)

Model	Temperature Pass Management Module & Face Recognition Kiosk	
Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic camera
	Aperture	F2.4
	Focusing distance	50-150cm
	White balance	Auto
	Photo flood light	LED and IR dual photot flood light
Screen	Size	8.0 inch IPS LCD screen
	Resolution	800x1280
	Resolution	PCAP multitouch screen
Processor	CPU	RK3288 quad-core
	Storage	EMMC 8G
Interfaces	Network module	Ethernet and wireless (WIFI)
	Audio	2.5W/4R Speakers
	USB	1 USB OTG, 1 USB HOST standard A port
	Serial Communication	1 RS232 Serial Port
	Relay Output	1 Door open Signal Output
	HDMI output	Yes (Mirror mode)
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 output.
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
	Wireless network	2.4Ghz/5Ghz frequencies supported
Functions	Face database libary	Upto 30,000
	1:N face recognition	Supported
	1:1 face comaprison	Supported

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Functions cont.

Stranger detection	Supported
Identify distance	Supported
Auto-update	Over the air or via USB
Deployment method	Support public cloud deployment, or standalone.
Alerts feature	Email notifications for high temperature readings.
ID badge printing	The badge printing feature allows the system to print a badge whenever a successful scan is completed.
Public APIs	Register and delete faces, upload scanned records

Infrared Thermal Imaging Module (German manufactured)

Temperature detection	Supported – Optional feature which can be disabled if not required
Temperature detection distance	1 meter (3.2 feet) (optimal distance is 0.5 meter)
Temperature error rate	± 0.5°C, ± 0.9°F
Temperature meausurement range	10°C ~ 42°C, 50 ~ 107.6°F
Thermal field of view	32° x 32°
Normal temperature confirmation	Supported – Optional settings for verbal confirmation message and success light can be configured.
Abnormal temperature alarm	Supported – Temperature threshold can be configured as well as optional settings for verbal warning message and warning light

General Parameters

Power	Input: 100-240V Output: 12V (±10%)
Operating temperature	0°C ~ 60°C, 32°F ~ 140°F
Storage temperature	-20°C ~ 60°C, -4°F ~ 140°F
Power Consumption	13.5W (max)
Installation method	4 configurations available – surface, wall mount, desktop stand mount, freestanding pedestal mount

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General Parameters cont.	Size	H269.18 x W132.88 x D25 (mm)
	Packing list	Kiosk terminal (1), power adapter for your region (1), mount of choice (1)

Modules	QR code reader	Deticated 1D/2D barcode reader active mode
	Multi-frequency RFID reader	**ISO14443A :** LEGIC Advant1), MIFARE Classic EV12), MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV22) , MIFARE Plus S, X, MIFARE Pro X3), MIFARE Smart MX3) , MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1 **ISO14443B :** Calypso3), Calypso Innovatron protocol3), CEPAS3), HID iCLASS1), Moneo3), Pico Pass4) , SRI4K, SRIX4K, SRI512, SRT512 **ISO18092 ECMA-340 :** NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa5), NFC Active and passive communication mode **ISO15693 :** EM4x333), EM4x353), HID iCLASS1), HID iCLASS SE/SR1), ICODE SLI, LEGIC Advant1) , M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity)3), Tag-it, PicoPass4) **125 kHz, 134.2 kHz :** AWID, Cardax, CASI-RUSCO, Deister6), EM4100, 4102, 42007), EM4050, 4150, 4450, 4550, EM43058), FDX-B, EM4105, HITAG 19), HITAG 29), HITAG S9), ICT8), IDTECK, Isonas8), Keri, Miro, Nedap6), PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC

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| Modules cont. | Multi-frequency RFID reader cont. | Cotag, G-Prox6), HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch |
| | | HID iCLASS10), HID iCLASS SE/SR/SEOS(CSN and Facility Code/PAC)10) , HID iCLASS Elite & SE Elite |

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Specifications - Vipera 15

Model	Temperature Pass Management Module & Face Recognition Kiosk	
Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic camera
	Aperture	F2.4
	Focusing distance	50-150cm
	White balance	Auto
	Photo flood light	LED and IR dual photot flood light
Screen	Size	15.0 inch IPS LCD screen
	Resolution	800x1280
	Resolution	PCAP multitouch screen
	Glass	Anti-Glare glass
Processor	CPU	RK3288 quad-core
	Storage	EMMC 8G
Interfaces	Network module	Ethernet and wireless (WIFI)
	Audio	2.5W/4R Speakers
	USB	1 USB OTG, 1 USB HOST standard A port
	Serial Communication	1 RS232 Serial Port
	Relay Output	1 Door open Signal Output
	HDMI output	Yes (Mirror mode)
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 output.
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
	Wireless network	2.4Ghz/5Ghz frequencies supported
Functions	Face database libary	Upto 30,000
	1:N face recognition	Supported
	1:1 face comaprison	Supported

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Functions cont.

Stranger detection	Supported
Identify distance	Supported
Auto-update	Over the air or via USB
Deployment method	Support public cloud deployment, or standalone.
Alerts feature	Email notifications for high temperature readings.
ID badge printing	The badge printing feature allows the system to print a badge whenever a successful scan is completed.
Public APIs	Register and delete faces, upload scanned records

Infrared Thermal Imaging Module (Ger - man manufactured)		
	Temperature detection	Supported – Optional feature which can be disabled if not required
	Temperature detection distance	1 meter (3.2 feet) (optimal distance is 0.5 meter)
	Temperature error rate	± 0.5°C, ± 0.9°F
	Temperature meausurement range	10°C ~ 42°C, 50 ~ 107.6°F
	Thermal field of view	32° x 32°
	Normal temperature confirmation	Supported – Optional settings for verbal confirmation message and success light can be configured.
	Abnormal temperature alarm	Supported – Temperature threshold can be configured as well as optional settings for verbal warning message and warning light

General Parameters		
	Power	Input: 100-240V Output: 12V (±10%)
	Operating temperature	0°C ~ 60°C, 32°F ~ 140°F
	Storage temperature	-20°C ~ 60°C, -4°F ~ 140°F
	Power Consumption	13.5W (max)
	Installation method	3 configurations available – surface, desktop clamp mount, freestanding pedestal mount

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General Parameters cont.

Size	H488.67 x W248 x D20.70(mm)
Packing list	Kiosk terminal (1), power adapter for your region (1), mount of choice (1)

Modules

	QR code reader	Deticated 1D/2D barcode reader active mode
	Multi-frequency RFID reader	**ISO14443A :** LEGIC Advant1), MIFARE Classic EV12), MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV22) , MIFARE Plus S, X, MIFARE Pro X3), MIFARE Smart MX3) , MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1

ISO14443A :

LEGIC Advant1), MIFARE Classic EV12), MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV22) , MIFARE Plus S, X, MIFARE Pro X3), MIFARE Smart MX3) , MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1

ISO14443B:

Calypso3), Calypso Innovatron protocol3), CEPAS3), HID iCLASS1), Moneo3), Pico Pass4) , SRI4K, SRIX4K, SRI512, SRT512

ISO18092 ECMA-340 :

NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa5), NFC Active and passive communication mode

ISO15693 :

EM4x333), EM4x353), HID iCLASS1), HID iCLASS SE/SR1), ICODE SLI, LEGIC Advant1) , M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity)3), Tag-it, PicoPass4)

125 kHz, 134.2 kHz:

AWID, Cardax, CASI-RUSCO, Deister6), EM4100, 4102, 42007), EM4050, 4150, 4450, 4550, EM43058), FDX-B, EM4105, HITAG 19), HITAG 29), HITAG S9), ICT8), IDTECK, Isonas8), Keri, Miro, Nedap6), PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC

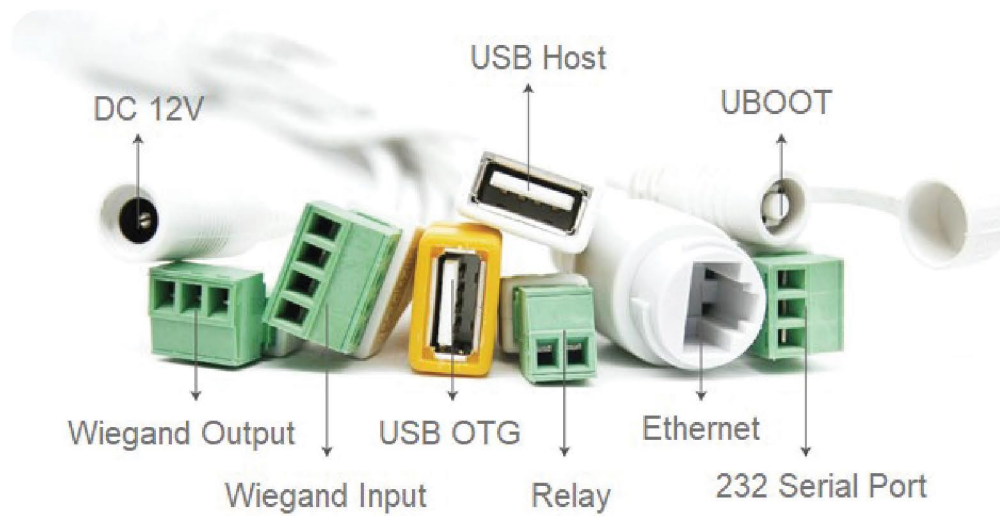www.viperatech.com

Modules cont.

Multi-frequency RFID reader cont.

Cotag, G-Prox6), HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch

HID iCLASS10), HID iCLASS SE/SR/SE-OS(CSN and Facility Code/PAC)10) , HID iCLASS Elite & SE Elite

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Wire interface Definition

The interface of each terminal is defined as follows:

Relay	Terminal electrical definition
Pin 1	COM
Pin 1	N290

Wiegand Input	Terminal electrical definition
Pin 1	D0_IN
Pin 2	D1_IN
Pin 3	12V
Pin 4	GND

Wiegand Output	Terminal electrical definition
Pin	D0_OUT
Pin	D1_OUT
Pin	GND

232 Serial Port	Terminal electrical definition
Pin 1	232_RX1
Pin 2	232_TX1
Pin 3	GND

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Technical Drawings

Desk Mount - Holowrx 8 / LD-AITemp
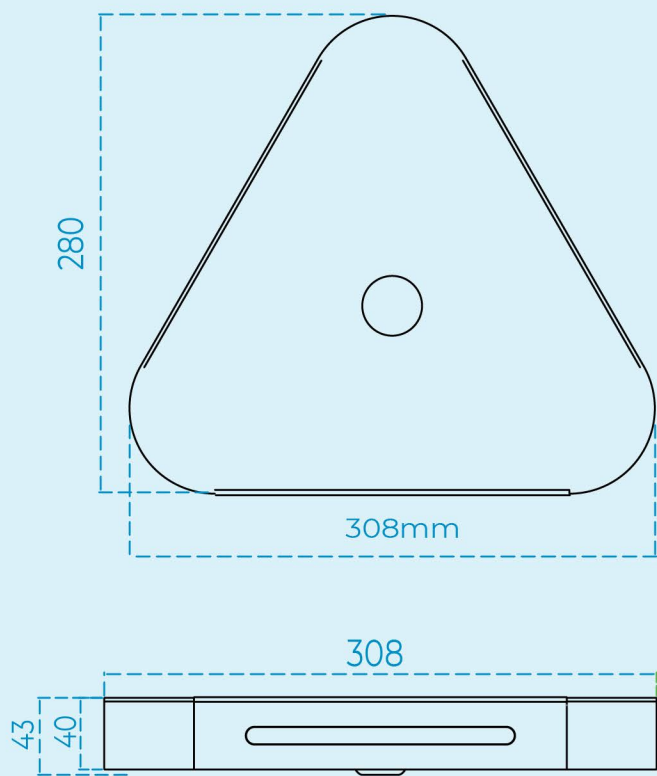
280

308mm

308

43 40

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Technical Drawings

Surface Mount - Vipera 8 / LD-AITemp

45mm

195mm

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Technical Drawings

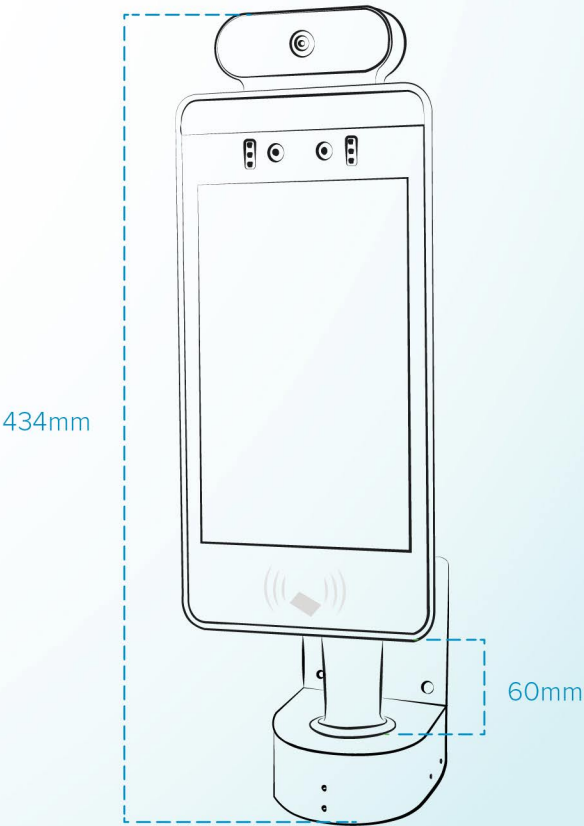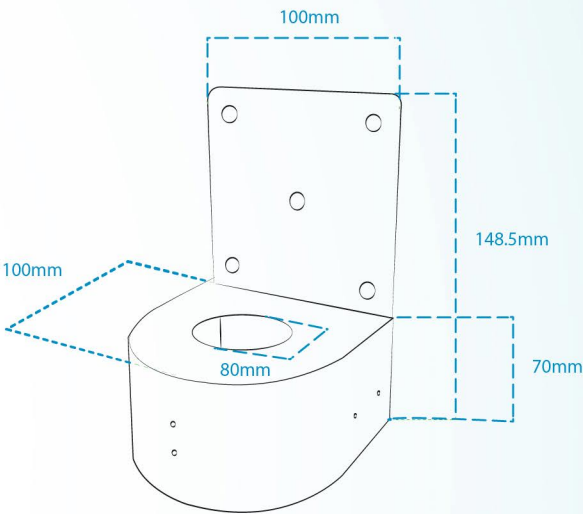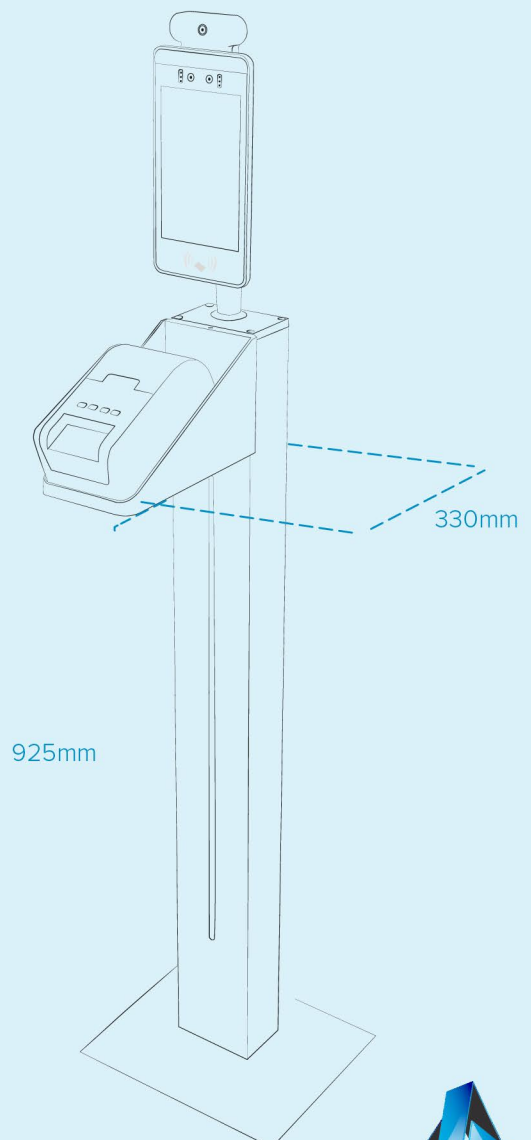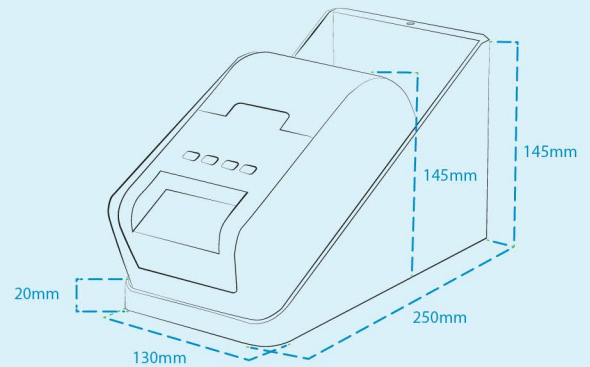## Freestanding floor mount -Vipera 8 / LD-AITemp
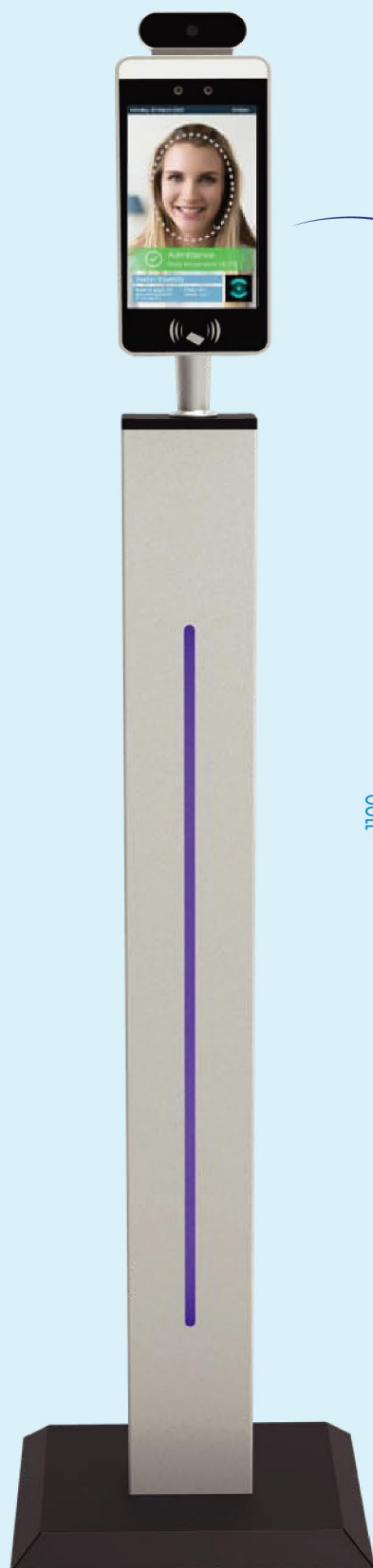
Front view

Side view

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Technical Drawings

Wall mount -Vipera 8 / LD-AlTemp

100mm

100mm

148.5mm

80mm

70mm

434mm

60mm

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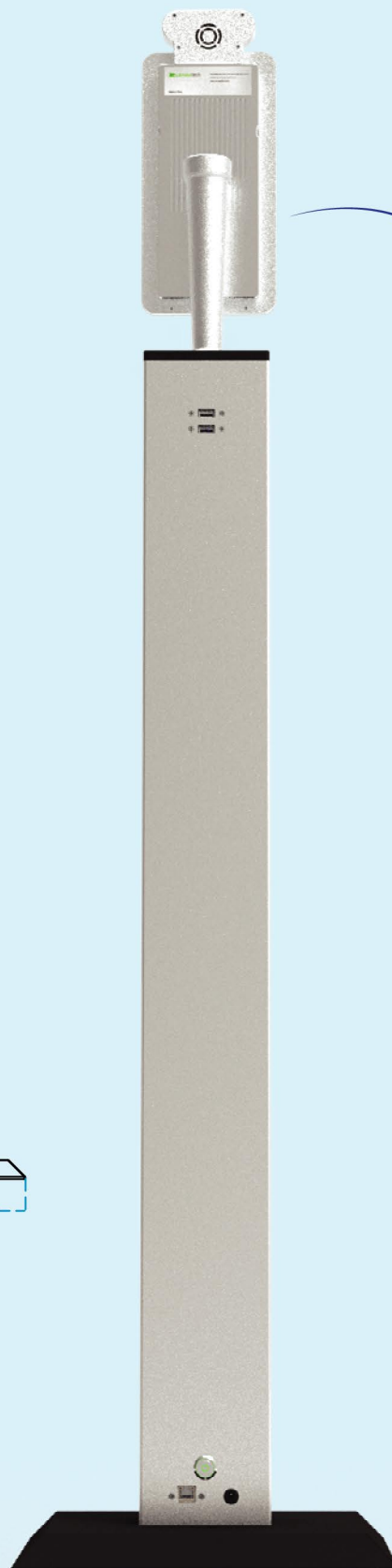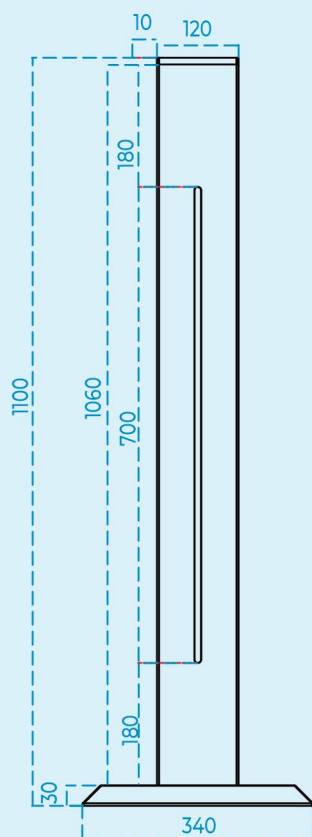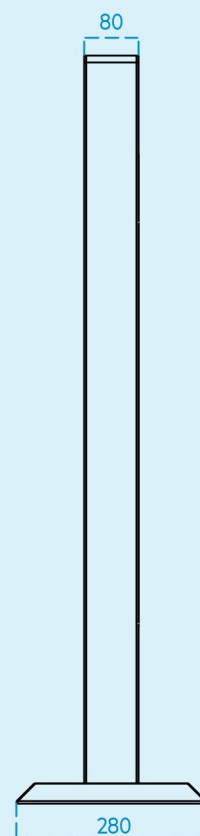
Technical Drawings

Printer mount
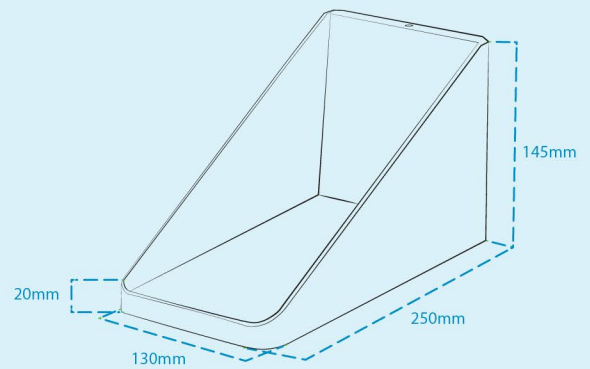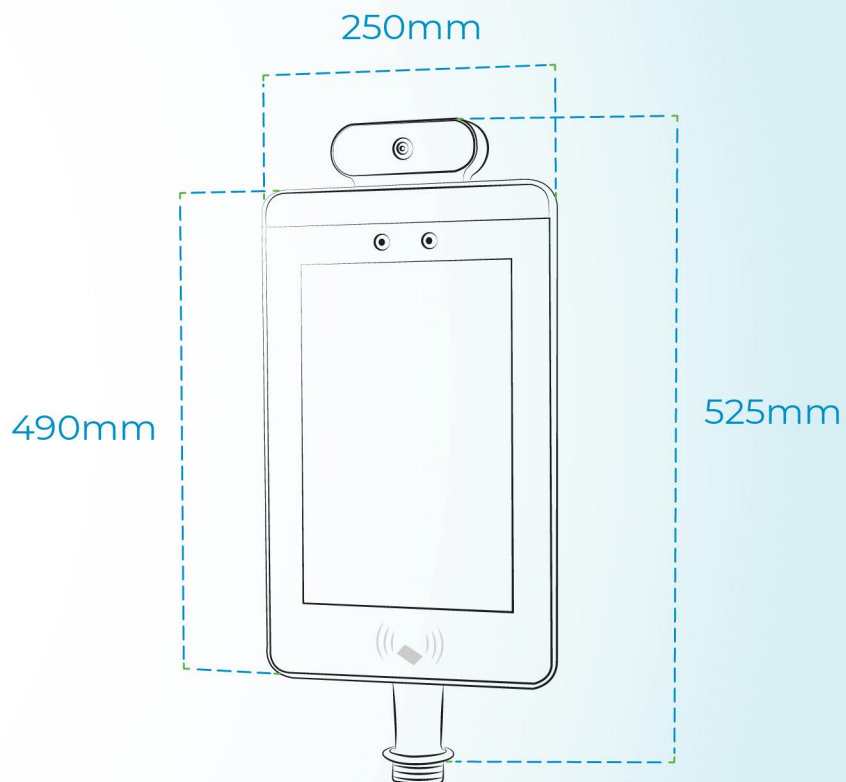
145mm

20mm

250mm

130mm

145mm

145mm

20mm

250mm

130mm

330mm

925mm

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Technical Drawings

Surface mount – Vipera 15

250mm

490mm

525mm

160mm

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Technical Drawings

Freestanding floor mount – Vipera 15

250mm

490mm

1620mm

290mm

350mm

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Technical Drawings

Wall mount – Vipera 15

90mm

120mm

90mm

90mm

40mm
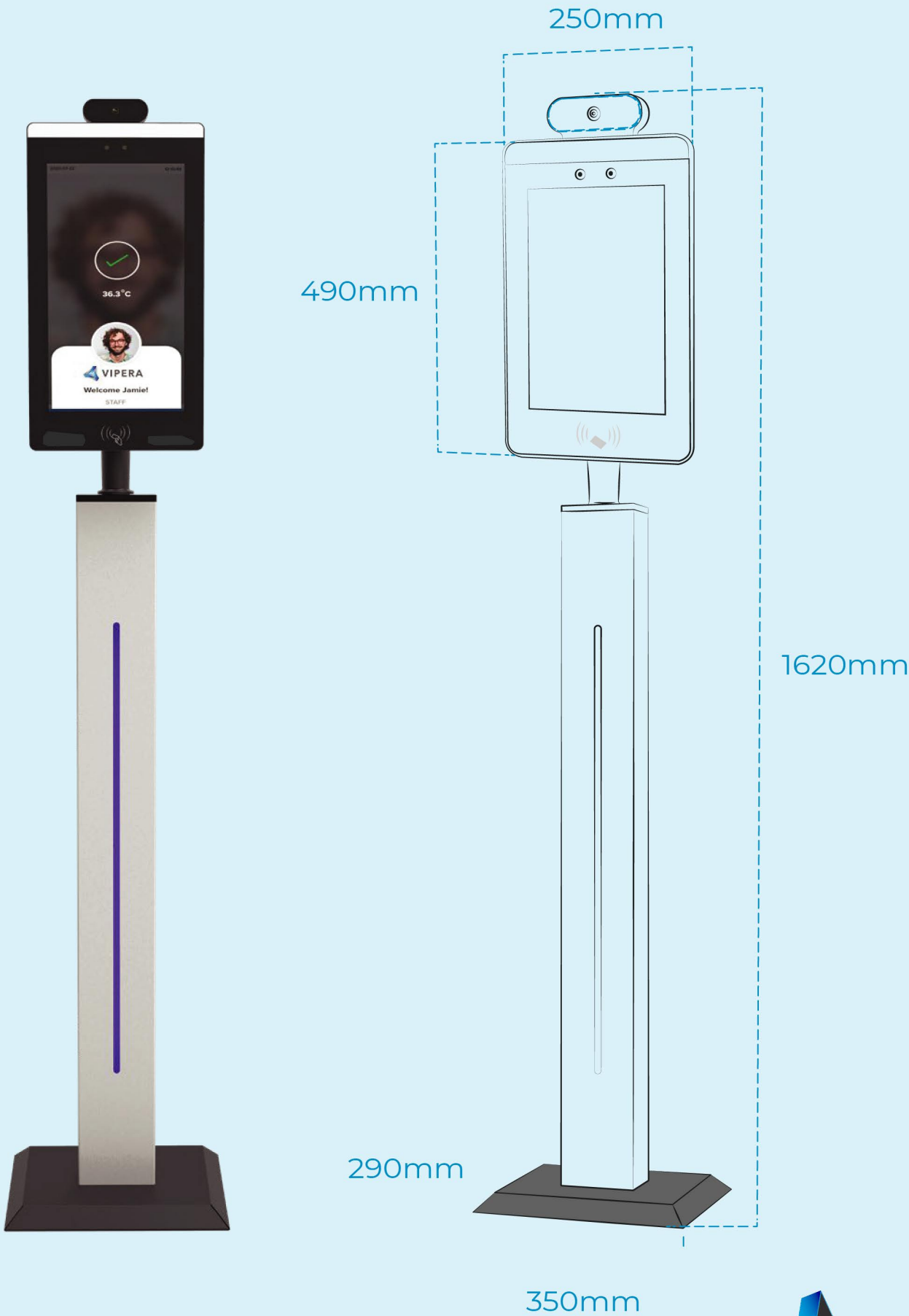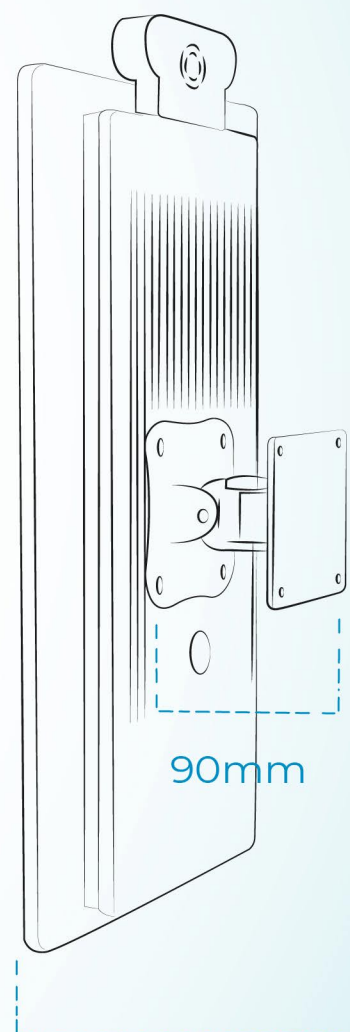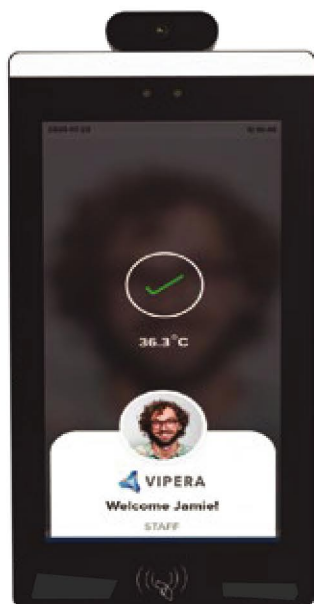
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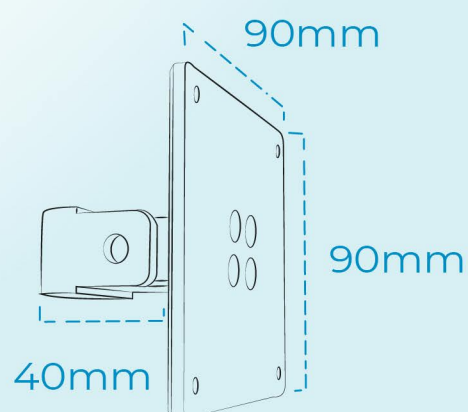
More technology solutions from Viperatech ...

Transparent

OLED SIGNAGE

HIGH TRANSPARENCY

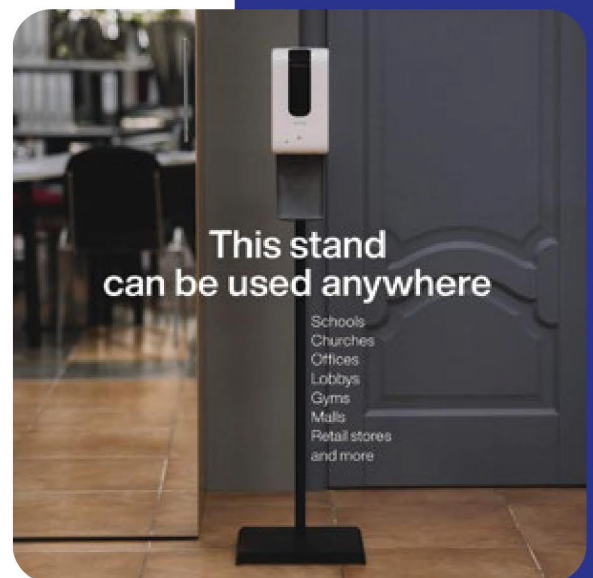### Thermal imaging camera & disinfection system (IRD 120)

TF88 High End Automatic Spray Dispenser with Infrared Temperature Measurement

For more information on the products we offer please visite www.vipertech.com

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Vipera 1200ml Automatic Hand Sanitizer Dispenser

✓ **Maximum Hygiene & Security** — Make sure your hands are spotless and consistently sanitized. Simply place your hand under the sanitizer/cleanser distributor and a decent measure of hand disinfecting fluid will flow on your palms.

✓ **Very Easily Maneuverable** - Spot this lightweight gadget, compact unit in an office, home, hall, school, yoga class, shopping center, building, and so on. The device is very easy to install and operate.

✓ **Features —** This device comes with the Automatic Dispenser, Steel Floor Stand, Drip Catcher, and Refillable Inner Bottle. Also, you can power the machines through 4AA batteries, which are readily accessible & affordable.

✓ **Hands-Free Operation —** Again, the machine has an in-build infrared sensor that will automaticaly ly & accurately track the motion of your hand and directly feed the soap/liquid onto your palms.

1200ml Refillable bottle
Eco Friendly

Ultimate Design
All-in-one Solution

Compatible with any gel or liquid sanitizer

Automatic Sensor
Hands Free

Easy to open
Insert key to open unit

Drip Catcher
No Mess

Balanced Base
Extremely difficult to knock over

Steel
Built to last for years

This stand can be used anywhere

Schools
Churches
Offices
Lobbys
Gyms
Malls
Retail stores
and more

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Vipera Spray Atomizers

Convenient Cordless Sprayers

Lightweight and easy to carry cordless surface sanitizing spray gun that adds value to its portability feature.

Energy Efficient

A built-in large reserve Lithium battery that facilitates extended usage under full charge and maximizes efficiency by covering larger spaces with considerably low volumes of liquid sanitizers.

Portable Spraying Mechanism

Lightweight sprayer you can take with you anywhere in a backpack. In contrast to a traditional wired.

Portable Spraying Mechanism

Lightweight sprayer you can take with you anywhere in a backpack. In contrast to a traditional wired.

Why Choose Vipera Spray Atomizers

- Over 11 year's experience in self-service kioskst
- 1-year warranty included as standard
- Optional upgrade to hardware swap-out plan
- Free technical support via email ticketing
- Free software updates with new features

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Vipera 8 Temperature (Gen 2) Kiosk

The Vipera 8 Temperature Measurement Kiosk is a technology of the future that enables users to accomplish routine sign-in protocols alongside customized screening without the need for any human interaction. This considerably streamlines the check-in procedures preventing any unauthorized infiltrations, thus, ensuring a safe and secure environment.
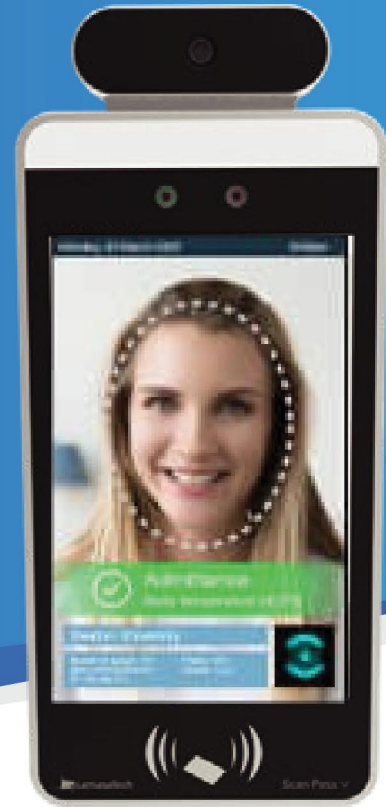
Aids the Track-and-Trace Mechanism

The kiosk can be used as a reliable attendance monitor and stores check-in details like time of entry, temperature reading, and other custom readings.

Aids the Track-and-Trace Mechanism

The Vipera 8 Temperature Measurement kiosk also raises an alert on detecting non- compliance with the mask protocols. The user is then advised to wear a mask to gain entry.

Easy Integration

The Vipera 8 Temperature Measurement (Gen 2) software can be easily integrated into the majority of the existing software used by organizations.
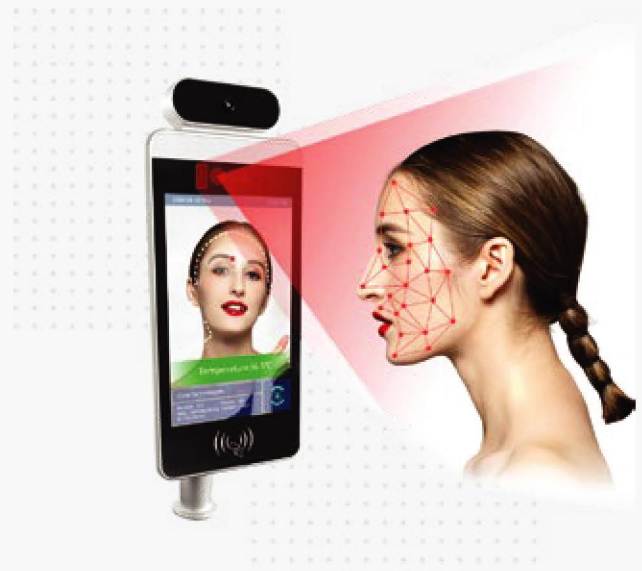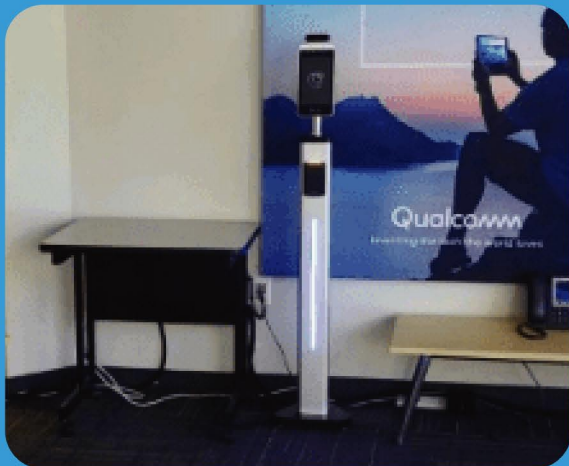
Facial Recognition

The temperature kiosk has a storage capacity of 30,000 faces and can be used for facial recognition of registered users. It can detect the registered users with/without the presence of a mask. This expedites the sign-in process of employees at work.

Accurate Temperature Screening

Accurate and quick temperature screening using Heimann German Thermopile sensors. It comes with an instant alert system in the event of any abnormal reading detection.

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Vipera 8 Temperature (Gen 2) Kiosk

Product Features

- Contact-free temperature reading in less than a second

- Temperature accuracy of ±09° F (±05° C)

- Facial recognition-based access control with mask detection

- On-screen visual warnings and LED light, with an optional audio message

- Instant email alerts are sent to the management to notify abnormal temperature readings and non-compliances.

- Built-in speakers provide clear verbal alerts including warnings for abnormal temperatures and/or individuals not wearing a mask.

- Optional HDMI output for monitoring at a safe distance

- Facial recognition database capacity of 30,000 faces that enables contactless and quick employee sign-ins of registered users.

- Integration with existing door or ticketing system

- Built-in QR code reader and multi-frequency RFID reader to scan entry passes and other access cards.

- Designed to operate within CE, FDA, ROHS, and Health Canada standards.

- Interactive Questionnaire.

- 1-year standard warranty.

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Vipera UVC Lamp Trolleys

Our UVC Lamp Trolley Series can effectively kill 99.99% of the surface and air pathogens that include all kinds of viruses, bacteria, and fungi. They can be remotely controlled and pre-timed to avoid any human exposure to UV ligh

Our Key Features

MS-UVC-MT8

- ✔ UV tube 180degree spin
- ✔ 360degree steering wheel
- ✔ Trolley handle
- ✔ High quality UV lamp
- ✔ Rolling bearing
- ✔ Remote control

MS-UVC-MT200

- ✔ UV tube 180degree spin
- ✔ 360degree steering wheel
- ✔ Trolley handle
- ✔ High quality UV lamp
- ✔ Remote control

MS-UVC-Mlt 80

- ✔ One-key lift
- ✔ 360degree steering wheel
- ✔ Motion Sensor
- ✔ High quality UV lamp
- ✔ Remote control

MS-UVC-MT300

- ✔ UV tube 180degree spin
- ✔ 360degree steering wheel
- ✔ Trolley handle
- ✔ High quality UV lamp
- ✔ Rolling bearing
- ✔ Remote control

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Why Choose Vipera UVC Lamp Trolleys?

Multi-Angle Rotation
Our UVC Lamp Trolley comes with tubes that have a multi-angle rotation feature from 0-180. It can freely move to ensure efficient disinfection of the environment.

Inhibits Growth of Pathogens
The Vipera 8 Temperature Measurement kiosk also raises an alert on detecting non- compliance with the mask protocols. The user is then advised to wear a mask to gain entry.

UV Light Disinfection
It uses UV light to sterilize surfac es and air encompassing a radius of ⏤ 50 sq.m.

Removes Odor
It is effective in expelling unpleas ant odors such as the musty smell of the bedroom, the smell of smoke in the restaurant, and also the hospital, house room, kinder garten smells, and so on.

Ozone Disinfection
Our UVC+Ozone Lamp model aids in disinfecting all those places where light cannot reach. The ozone emitted from the lamp can cross obstacles to sterilize difficult locations.

Safe and Efficient
Unlike other disinfectants, UVC sterilization does not leave behind any residue and can be used as a more efficient alternative for ensure - ing that the surrounding surfaces and air are effectively cleaned.

www.viperatech.com

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