

8" Facial Recognition Thermometer Display



Protect staff and customers using our temperature checking, mask detection and facial recognition solution with software included

Automated Contactless Temperature Checking

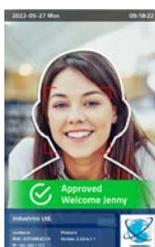
Using Melexis thermal imaging technology, in conjunction with cooling fans to maximise accuracy, this complete solution can read a user's temperature and display the results in 1.8 seconds, even if they are wearing a mask. The automated nature of this system not only efficiently reduces manual labour, but also means it is completely contactless, which is of paramount importance in today's world.



Contactless Temperature Display

High Security Facial Recognition

With 99.7% identification accuracy, this solution can also be used as a check in/out system for offices, warehouses and other secure locations. You can even create a whitelist and blacklist to control and restrict access, as well as recording all building entries. Adjust the identification security levels from using the photo on an ID card to high level military standard using a 3D face scan and body temperature check.



-  Strip-Light Indicator
-  Mask Detection System
-  Accurate Thermal Imaging
-  All-in-One Hardware/Software Solution
-  Synchronise with Existing Systems
-  Fever Alarm
-  Robust Metal Enclosure
-  Clock In/Out System
-  Various Mounting Options
-  Hand Sanitiser Add-On

Mask Detection System

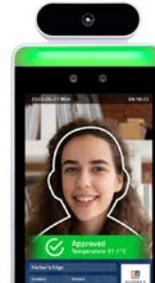
As well as reading body temperature, the system can also check if the user is wearing a mask if this is an entry requirement to your building. This feature can also be disabled if not required.



Works with protective face masks

Strip-Light Indicator

When taking a temperature or mask checking reading, this acts as on-camera illumination for more accurate results. It also synchronises with the software to indicate acceptance (green) or rejection (red) based on user-defined conditions.



All-in-One Solution

This is a full turnkey system, comprising of a 24/7 IPS panel, dual-lens optical facial recognition cameras, a thermal imaging module, an indication light, optional RFID/NFC integration and even the software to control, record and monitor all the functionality.

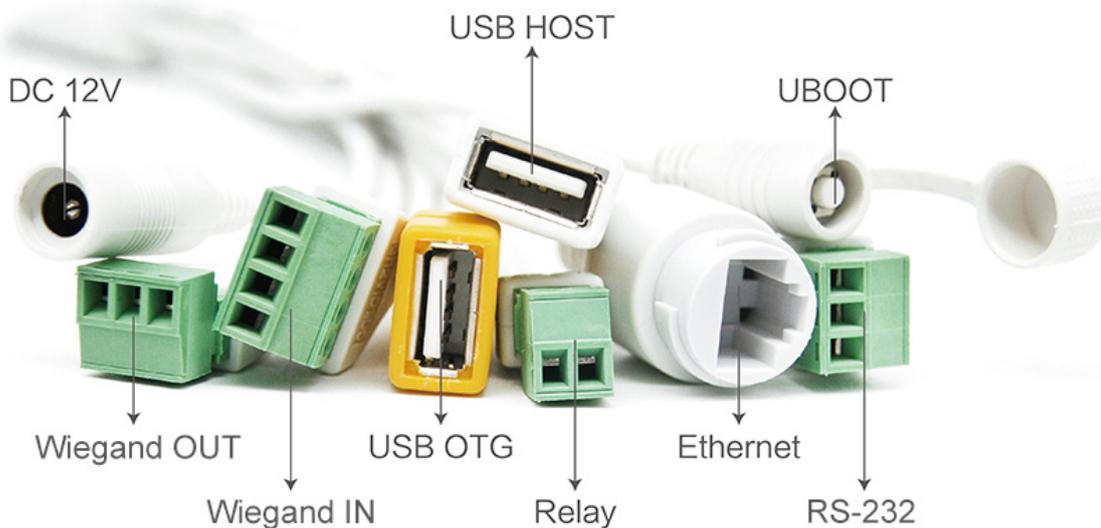


Synchronise with Existing Systems

Using the connection interface, this solution can be integrated with existing door or ticketing systems. Using the software included, you can stipulate entry conditions such as an acceptable temperature range, mask checking and specific user entry or restriction.



Automatically Open Doors



Fever Alarm

When a user's temperature reading exceeds a stipulated temperature, a visual and audio alarm activate to alert the user that they have a fever. This feature can also be disabled if not required.



IC Card NFC Integration

The display has an NFC module integrated which supports IC cards for door entry. This feature can also be controlled and managed by the software that is included.



Software Included

The software is included at no extra cost and can be easily installed on your own PC or server to maximise security. Create separate login accounts with varying privileges, for example an account can be created for a receptionist to only register visitors. Can also work offline if required.



Accurate Thermal Imaging

Using a Melexis dual-chip system, the thermal imaging module measures the ambient temperature as well as the user's body temperature to maximise accuracy. The module also features a cooling fan to further improve the precision of the reading. The full sensor temperature range is -40°C to 85°C with an accuracy of ±0.3°C.



Mounting Options

As standard this solution comes with an adjustable desk mounted pole. Optional mounting options include: a flush fit or adjustable wall mount, a desk stand, or a floor stand. All stand options have a modern integrated blue LED light strip.



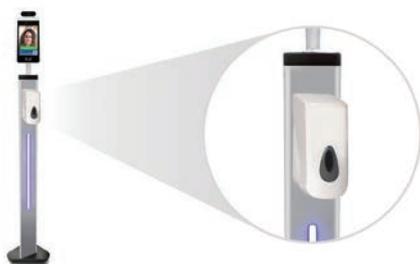
24/7 Commercial Grade

This is a truly commercial grade solution as it can be in constant use around the clock. This is ideal for 24/7 commercial locations like supermarkets and gyms, as well as corporate and warehouse settings when used as a clocking in/out system.



Optional Automatic Hand Sanitiser

If you are utilising the floor stand, you can also add on an optional hand sanitiser dispenser to provide an extra level of safety.



Robust Metal Enclosure

To add to its commercial credentials, the enclosure is manufactured using aluminium rather than plastic as this is less likely to be damaged in locations such as warehouses and factory floors.





THERMAL IMAGING COOLING FAN



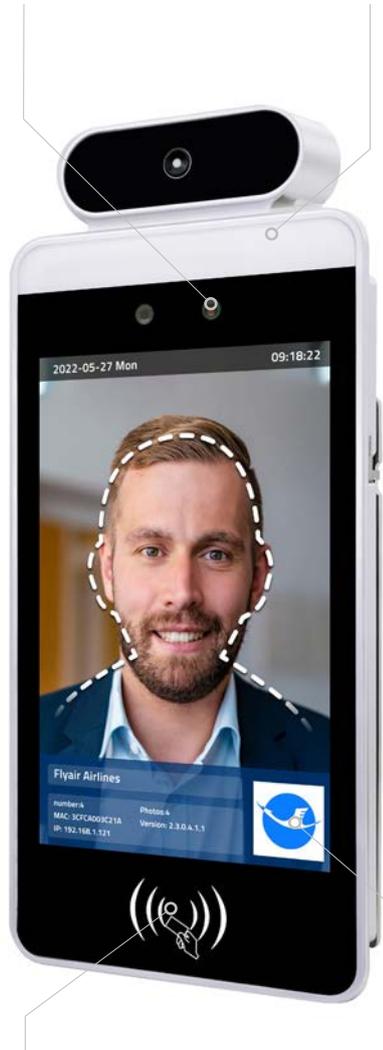
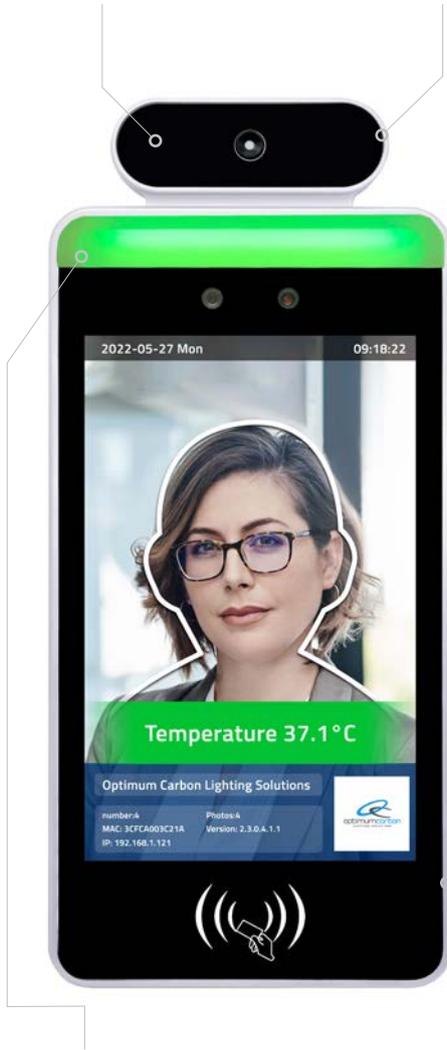
THERMAL IMAGING MODULE



DUAL-LENS OPTICAL CAMERAS



24/7 IPS PANEL



STRIP-LIGHT INDICATOR/
FLOOD LIGHT



ROBUST METAL ENCLOSURE



OPTIONAL NFC INTEGRATION



CUSTOMISABLE INTERFACE



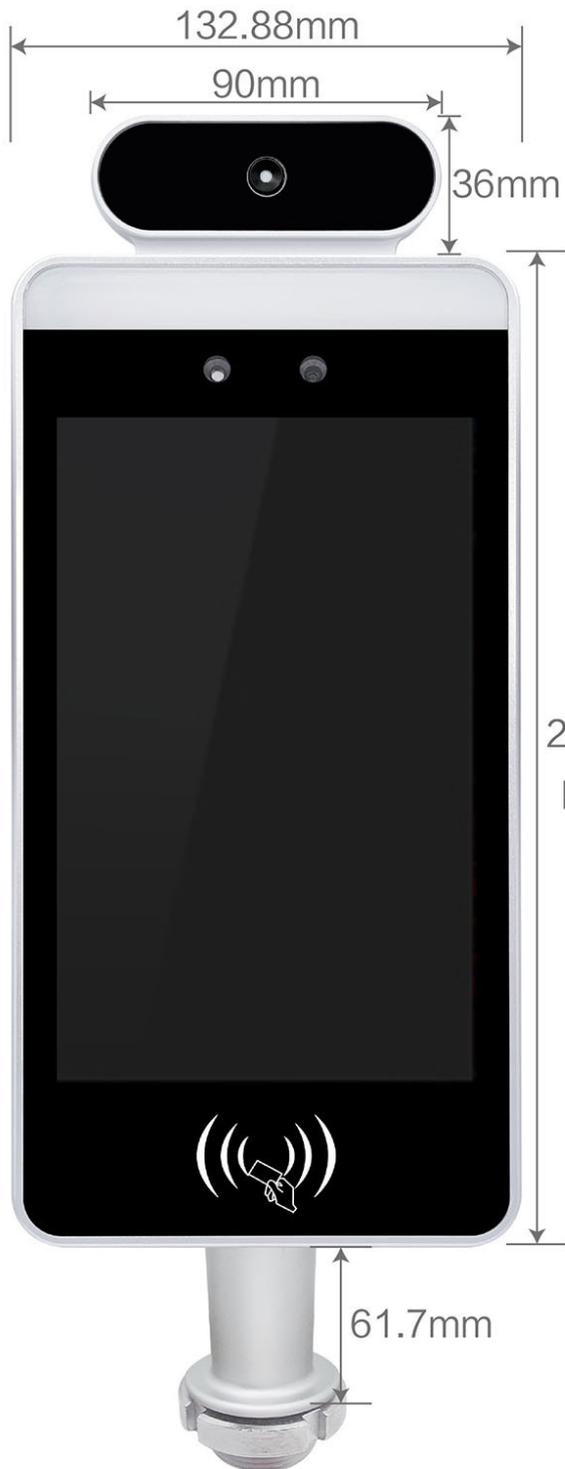
Specification Table



		8 Inch
Panel	Resolution	800x1280
	Display Area (mm)	107.62x172.18
	Aspect Ratio	10:16
	Brightness (cd/m ²)	450
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
Optical Camera	Resolution	HD (2 million pixels)
	Type	Binocular dual-lens (wide dynamic camera)
	Aperture	F2.4
	Optimal Focus Range	50cm-1.5m
Thermal Imaging Module	White Balance	Auto
	Optimal Reading Distance	50cm-1m
	Measurement Accuracy	±0.3°C
	Measurement Range	10°C-42°C
Interface	Thermal field of view	32°Cx32°C
	Network Module	1 x Ethernet RJ-45 Port, WiFi
	USB	1 x USB OTG, 1 x USB HOST
	Serial	1 x RS-232 serial port
	Relay	1 x Output
Software	Wiegand	1 x Input, 1 x Output
	Temperature Alarm	Optional
	Face Library	30,000
	Facial Recognition Security	Level 1-4
	1:N Facial Recognition	Supported
	1:1 Face Comparison	Supported
	Firmware Upgrades	Supported
Mechanical	Unit Size (WxHxD mm)	132.88x296.18x25
	Package Size (WxHxD mm)	180x430x120
	Net Weight (kg)	1.5
	Gross Weight (kg)	4
Computer	CPU	RK3288 quad-core
	Operating System	Android 7.1.2
	Storage	EMMC 8G
Audio	Speaker Type	2.5W, 4Ω (x2)
Power	Power Consumption (W)	13.5 (Maximum)
	Input Voltage	DC12V
Environmental	Operating Temperature	0 °C to 60 °C
	Storage Temperature	-20°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Accessories	Included	Desk Mounting Pole
	Optional	Wall Mount, Table Stand Base, Floor Stand
Standards	Certification	CE, FCC & ROHS
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted





Infrared thermal imaging module

heat sink

260.18mm

Height adjustment

Speaker



Why Choose Our Commercial Display Solutions?



Lifetime Technical Support

From the moment you receive your product, throughout the duration of your warranty and even after your warranty has expired we are here to support you. If you require any assistance setting up or using your product, or have any problems at all, we can provide free technical support via telephone and email.



On-site Support and Maintenance*

If needed, we can provide an installation service for any of our products. We can also set up service-level agreements for larger projects that require maintenance contracts.



Extended Warranty*

All of our commercial display products come with a 3 year commercial warranty as standard but if you want to extend this you can upgrade this to cover a 5 year period at point of purchase.



Training

As well as providing free remote CMS training sessions and webinars we can also visit you to deliver bespoke training for our software and hardware*.



Advanced Replacements†

Should your display suffer from any kind of hardware failure during the warranty period we will send you an advanced replacement and arrange for your old display to be collected, free of charge. This ensures no downtime where you are without a screen.



Custom Product Testing & Configuration

If you need us to test third party software or a website, or configure your screen in a particular way before it is dispatched (e.g. in a particular orientation or network mode), we can do so to make your life easier.



3D Rendering

Want to know how a particular screen will look once installed? Send us a photo of the location and we will create a 3D rendering of any screen in situ to help you to visualise how amazing it will look.



Logistics Support

We hold more stock in our UK warehouse than any other manufacturer so we can help you meet tight deadlines. For last minute orders we can also offer special express or morning delivery options*. We also carry out UK based quality control checks on every display before it leaves our warehouse.



Project Support

If you need to loan a sample unit to test we'd be more than happy to arrange this. We can also provide a rental service for temporary projects*.



Customisation*

Your display can be customised to suit your requirements by adding your logo or printed graphics or even tailoring the colour of a display. We can also carry out hardware modifications to existing products or manufacture bespoke solutions for special projects.



Extras*

As well as being able to provide accessories and add-ons, such as extra remote controls, NUC PCs and video wall controllers, we can also supply custom made flight cases which are great if a display needs to be moved safely from place to place.

†UK mainland only

*These particular services may incur additional charges