# superbooths

# 8" Thermal Reader with Facial Recognition



# **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.



### **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.



# **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.



# Strip-Light Indicator

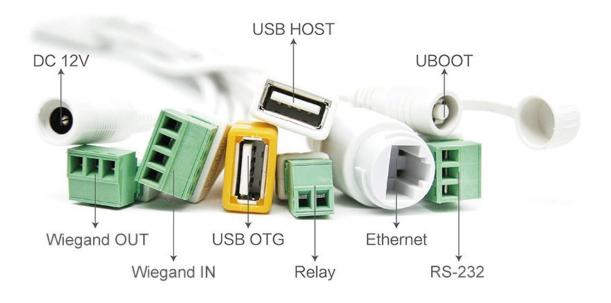
When taking a temperature or mask checking reading, this acts as on-camera illumination for more accurate results. It also synchronises with the software to indicate acceptance (green) or rejection (red) based on user-defined conditions.



# 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.







### 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.



# **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.



### **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.



# **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.



# **Optional NFC Integration**

If you want to incorporate an ID card reader for building access you can do so. This feature can also be controlled and managed by the software that is included.



# **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  $\pm 0.3$ °C.



## 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.



# **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 MODULE



DUAL-LENS OPTICAL CAMERAS



24/7 IPS PANEL





STRIP-LIGHT INDICATOR/ FLOOD LIGHT





OPTIONAL NFC INTEGRATION

CUSTOMISABLE INTERFACE





















Resolution   107.62.x172.18			8 Inch
		Resolution	
Aspect Rainin         10:16           Aspect Rainin         450           Colour         16:7M           Viewing Angle         178°           Contrast Rain         5000-1           Need Contrast Rainin         5000-1           Viewing Angle         1800-0           View Resolution         HD (2 million pixels)           Very         Binocular dual-los wide dynamic caneruly           Aperture         2-4           Optimal Focus Rainge         500-1-5m           White Bulsone         Auto           Measurement Rainge         500-1-5m           Measurement Rainge         100°C-42°C           Measurement Rainge         10°C-42°C           Measurement Rainge         1 x 180 x 10°C-42°C           Weiger         1 x 180 x 10°C-42°C           Weiger         1 x 180 x 10°C-			
Price   Pric			
Color         16.7M           Viewing Angle         1.78°           Contrast Ratio         5000-1           Resolution         HD (2 million pixels)           Type         Binocular dual-tens (wide dynamic camera)           Optimal Focus Range         500m-1.5m           White Balance         Auto           Aperture         500m-1.5m           White Balance         Auto           Aperture         500m-1.5m           White Balance         500m-1.5m           Auto         400m-1.5m           White Balance         500m-1.5m           Auto         400m-1.5m           White Balance         500m-1.5m           Auto         400m-1.5m           White Balance         500m-1.5m           Measurement Range         500m-1.m           Measurement Range         10°C-42°C           Measurement Range         10°C-42°C           Measurement Range         10°C-42°C           Supported         1 x Usual X Supported           Method Supported         1 x Supported           Method Supported         1 x Supported           Mechanical         1 x Secial Recognition Socurity         1 x Supported           Mechanical         2 x Recapt	Panel		
Viewing Angle			
Enter Section         MD (2 million pixels)           Aperture         Binocular dual lens (wide dynamic camera)           Optical Camera         Aperture         F2-4           Optical Focus Range         50cm.15m           With Ea Balance         Autro           Optical Reading Distance         50cm.1am           hermal Imaging         Measurement Accuracy         40.3°C           hodule         Measurement Range         10°C-42°C           Thermal Field of view         32°C-32°C           Thermal Field of view         32°C-32°C           Sel S         1.1 VBS 075. 1, xVBS 1075.			
Resolution			
Type			
	Optical Camera		
Optimal Focus Range			
White Balance			
Optimal Reading Distance			
Measurement Accuracy	Thermal Imaging Module		
Measurement Range   10°C-42°C     Thermal field of view   32°C-32°C     Network Module   1x Ethernet Ry-1-45 Port, WiFi     USB			
Thermal field of view   32°Cx32°C     Network Module   1x Ethernet RJ-45 Port, WiFi     USB			
Network Module			
Disa			
Reface   Relay   1 x No.tuput   1 x Output	Interface		
Relay			
Wiegand			
Offware         Temperature Alarm         Optional           Face Library         30,000           Facial Recognition Security         Level 1-4           1: Facial Recognition         Supported           1: Face Comparison         Supported           Firmware Upgrades         Supported           Methanical         132,88x296.18x25           Package Size (WxHxD mm)         132,88x296.18x25           Package Size (WxHxD mm)         138,0x430x120           Net Weight (kg)         1.5           Gross Weight (kg)         4           Operating System         Android 7.1.2           Storage         EMMC 8G           sudio         Speaker Type         2.5W, 4Ω (x)           ower         Power Consumption (W)         13.5 (Maximum)           Input Voltage         DC12V           Operating Temperature         0°C to 60°C           Storage Temperature         2.0°C to 60°C           Operating Humidity         10% to 80%           Storage Humidity         5% to 95%           Accessories         Optional         Network Upgrade. Security Chain           Landards         Certification         CE. FCC & ROHS           Avaranty         Warranty			
Offware         Face Library         30,000           Afficial Recognition         Level 1-4           1-k1 Facial Recognition         Supported           1-1 Face Comparison         Supported           Firmware Upgrades         Supported           Methanical         To Mis Size (WxHxD mm)         132.88x296.18x25           Package Size (WxHxD mm)         180x430x120           Net Weight (kg)         4         1.5           Gross Weight (kg)         4         4           CPU         RK3288 quad-core           computer         Operating System         Android 7.1.2           Storage         EMMC 8G           udio         Speaker Type         2.5W, 4g (x2)           over         Input Voltage         DC12V           former         Operating Temperature         0°C to 60°C           Storage Temperature         0°C to 60°C           Operating Humidity         10% to 80%           Storage Humidity         5% to 95%           Loccessories         Optional         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Optional         Network Upgrade, Security Chain           tandards         Certification         CE, FCC & ROHS			
Action Recognition Security         Level 1-4           1:N Facial Recognition         Supported           1:1 Face Comparison         Supported           Firmware Upgrades         Supported           Mechanical         132.88x296.18x25           Package Size (WxHxD mm)         132.88x296.18x25           Net Weight (kg)         1.5           Gross Weight (kg)         4           CPU         RK3288 quad-core           Computer         Operating System           Storage         EMMC 8G           Audio         Speaker Type           Over         13.5 (Maximum)           Injust Voltage         DC 12V           Operating Temperature         0 °C to 60 °C           Operating Humidity         10% to 80%           Storage Humidity         5% to 95%           Accessories         Included         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Optional         Network Upgrade, Security Chain           Attractory         Warranty	Software		
oftware fixed and second to the second sec			*
1:1 Face Comparison   Supported			
Firmware Upgrades   Supported			
Mechanical         Unit Size (WxHxD mm)         132.88x296.18x25           Mechanical         Package Size (WxHxD mm)         180x430x120           Net Weight (kg)         1.5           Gross Weight (kg)         4           Computer         Operating System         Android 7.1.2           Storage         EMMC 8G           Mudio         Speaker Type         2.5W, 4Q (x2)           Ower         Power Consumption (W)         13.5 (Maximum)           Input Voltage         DC12V           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         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Varranty         Warranty Period         3 Year Warranty		· · · · · · · · · · · · · · · · · · ·	
Mechanical         Package Size (WxHxD mm)         180x430x120           Method (kg)         1.5           Gross Weight (kg)         4           Admost Agency (computer)         CPU         RK3288 quad-core           Computer         Operating System         Android 7.1.2           Storage         EMMC 8G           Storage         EMMC 8G           Ower         Power Consumption (W)         13.5 (Maximum)           Input Voltage         DC12V           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         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Vaccessories         Optional         Network Upgrade, Security Chain           Varranty         Warranty	Mechanical		
Met Meight (kg)         1.5           Gross Weight (kg)         4           Computer         CPU         RK3288 quad-core           Computer         Operating System         Android 7.1.2           Storage         EMMC 8G           Audio         Speaker Type         2.5W, 4Ω (x2)           Power Consumption (W)         13.5 (Maximum)           Input Voltage         DC12V           Operating Temperature         0°C to 60°C           Operating Humidity         10% to 80%           Storage Humidity         5% to 95%           Accessories         Included         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Optional         Network Upgrade, Security Chain           standards         Certification         CE, FCC & ROHS           Varranty         Warranty Period         3 Year Warranty			
Gross Weight (kg)     4       Computer     CPU     RK3288 quad-core       Computer     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       Operating Temperature     0 °C to 60 °C       Storage Temperature     -20 °C to 60 °C       Operating Humidity     10% to 80%       Storage Humidity     5% to 95%       Included     Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable       Optional     Network Upgrade, Security Chain       Varranty     Warranty Period			
Computer         CPU         RK3288 quad-core           Computer         Operating System         Android 7.1.2           Storage         EMMC 8G           Audio         Speaker Type         2.5W, 4Ω (x2)           Ower         Power Consumption (W)         13.5 (Maximum)           Input Voltage         DC12V           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         Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable           Accessories         Optional         Network Upgrade, Security Chain           Strandrds         Certification         CE, FCC & ROHS           Warranty         Warranty Period         3 Year Warranty			
Computer     Operating System     Android 7.1.2       Storage     EMMC 8G       Audio     Speaker Type     2.5W, 4Ω (x2)       Ower     Power Consumption (W)     13.5 (Maximum)       Input Voltage     DC12V       Operating Temperature     0°C to 60 °C       Storage Temperature     -20°C to 60°C       Operating Humidity     10% to 80%       Storage Humidity     5% to 95%       Included     Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable       Accessories     Optional       Varranty     Warranty Period			
Storage EMMC 8G  Audio Speaker Type 2.5W, 4\Omega (x2)  Power Consumption (W) 13.5 (Maximum)  Input Voltage Departing Temperature 0°C to 60 °C  Storage Temperature -20°C to 60°C  Operating Humidity 10% to 80%  Storage Humidity 5% to 95%  Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable  Optional Network Upgrade, Security Chain  Carranty  Varranty  Warranty  Power Consumption (W) 13.5 (Maximum)  10°C to 60 °C  2.0°C to 60°C  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 95%  Storage Humidity -5% to 95%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -5% to 80%  Storage Temperature -20°C to 60°C  Operating Humidity -20°C to 60°C	Computer		
$ \begin{array}{c} \text{Nuclio} & \text{Speaker Type} & 2.5\text{W, }4\Omega(\text{x2}) \\ \\ \text{Power Consumption (W)} & 13.5(\text{Maximum}) \\ \\ \text{Input Voltage} & DC12V \\ \\ \text{Operating Temperature} & 0^{\circ}\text{C to }60^{\circ}\text{C} \\ \\ \text{Storage Temperature} & -20^{\circ}\text{C to }60^{\circ}\text{C} \\ \\ \text{Operating Humidity} & 10\% \text{ to }80\% \\ \\ \text{Storage Humidity} & 5\% \text{ to }95\% \\ \\ \text{Storage Humidity} & Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable } \\ \\ \text{Optional} & Network Upgrade, Security Chain} \\ \\ \text{tandards} & \text{Certification} & \text{CE, FCC \& ROHS} \\ \\ \text{Warranty} \\ \\ \end{array} $			
Power Consumption (W) Input Voltage Operating Temperature Operating Humidity Storage Humidity Tolluded Optional			
Input Voltage DC12V  Operating Temperature 0 °C to 60 °C  Storage Temperature -20°C to 60°C  Operating Humidity 10% to 80%  Storage Humidity 5% to 95%  Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable Optional Network Upgrade, Security Chain  tandards Certification CE, FCC & ROHS  Varranty  Varranty	Audio		
Operating Temperature 0 °C to 60 °C  Storage Temperature -20°C to 60 °C  Operating Humidity 10% to 80%  Storage Humidity 5% to 95%  Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable  Optional Network Upgrade, Security Chain  tandards Certification CE, FCC & ROHS  Warranty  Warranty	ower		
Storage Temperature -20°C to 60°C Operating Humidity 10% to 80% Storage Humidity 5 % to 95% Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable Optional Network Upgrade, Security Chain tandards Certification CE, FCC & ROHS Warranty  Warranty	Environmental		
Operating Humidity 10% to 80% Storage Humidity 5% to 95% Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable Optional Network Upgrade, Security Chain tandards Certification CE, FCC & ROHS Warranty  Varranty			
Storage Humidity 5% to 95%  Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable Optional Network Upgrade, Security Chain  tandards Certification CE, FCC & ROHS  Warranty Period 3 Year Warranty			
Included Scheduling Software, Remote Control, User Manual, Charger, Mains Power Cable Optional Network Upgrade, Security Chain  tandards Certification CE, FCC & ROHS  Warranty Period 3 Year Warranty			
Optional Network Upgrade, Security Chain  tandards Certification CE, FCC & ROHS  Warranty Period 3 Year Warranty			
Optional Network Upgrade, Security Chain tandards Certification CE, FCC & ROHS  Warranty Period 3 Year Warranty  Varianty	Accessories		
Warranty Period 3 Year Warranty			
Varranty	Standards		
Technical Support Lifetime	Warranty	Warranty Period	3 Year Warranty
	,	Technical Support	Lifetime





