# ORION | OIC ORION IMAGES CORPORATION

# O'PASS

## 8-inch Temperature Screening Kiosk

**FACIAL RECOGNITION**

**THERMAL DETECTION**

**ANDROID SYSTEM**

**ETHERNET PORT**
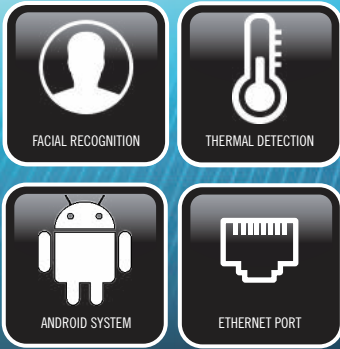
# 8FIDKR

## BUILT TO RUN *24 x 7 x 365* CONTINUOUSLY

## OVERVIEW

Health and safety in the workplace are clear priorities, now and in the future. This contactless infrared temperature measuring interactive kiosk is an AI based solution for visitor access and monitoring. Functions include an alarm system, facial recognition, mask recognition, and temperature detection. All of this is capable with one system - the ORION temperature screening kiosk.

## SPECIAL FEATURES

**FACIAL RECOGNITION**

**MASK MODE**

**REGISTER/DATA STORAGE**

**THERMAL DETECTION**

**ACCESS CONTROL RELAY/WIEGAND**

**MULTIPLE DEVICE MONITORING**

**TEXT AND E-MAIL ALERTS**

**REMOTE SOLUTION**

## USED IN ANY ENVIRONMENT

- » Schools, universities, and academies
- » Office buildings
- » Churches, temples, and museums
- » Government offices
- » Shopping malls and stores
- » Hospitals
- » Transportation hubs

**24 7 365**
*Built to run 24 x 7 x 365 Continuously*

## LIBERTY AV SOLUTIONS

## SPECIFICATIONS

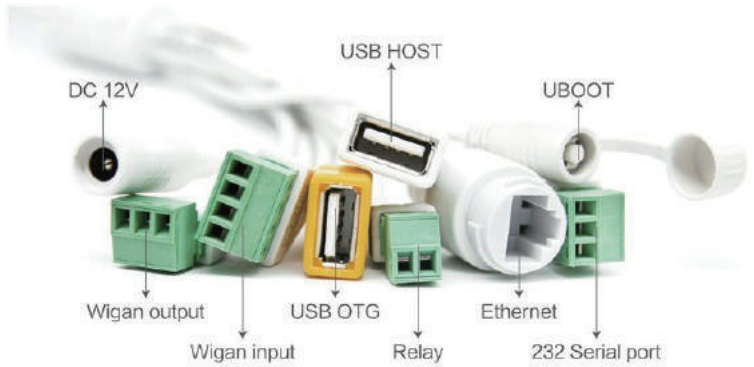| 8FIDKR | |
|---|---|
| **Screen** | |
| Size | 8.0 inch IPS LCD screen |
| Resolution | 800×1280 |
| **Processors** | |
| CPU | RK3288 Quad core processor |
| Local storage | EMMC 8G |
| **Interface** | |
| Network module | Ethernet |
| Audio | 2.5 W/4R speakers supported |
| USB interface | USB OTG,1 Road USB HOST Standard A Pass |
| Serial communication | 1 RS232 serial port |
| Relay output | 1 door open signal output |
| Upgrade button | Support Uboot upgrade keys |
| Wired Network | 1 RJ45 Ethernet |
| **Camera** | |
| Resolution | 200W pixels |
| Type | Binocular wide dynamic camera |
| Aperture | F2.4 |
| Focus distance | 1.64~4.92ft 50~150 cm) |
| White balance | Automatic |
| Light-up lamp | LED and infrared dual light |
| **Function** | |
| Identification distance configuration | Support |
| UI interface configuration | Support |
| Remote upgrade of equipment | Support |
| Body Temperature Testing | Support |
| **Infrared thermal imaging module Block** | |
| Temperature detection distance | 3.281 ft / 1m (best distance 1.64 ft/ 0.5 m) |
| Measurement accuracy | ≤ 0.9℉ (0.5℃) |
| Temperature measurement range | 50~107.6℉ (10℃~42℃) |
| Pixel points | 32X 32 lattice (total 1024 pixels) |
| Over temperature alarm | Support (temperature alarm can be set) |
| **Conventional parameters** | |
| Power supply | DC12V (±10%) |
| Working temperature | 32~104℉ (0℃~40℃) |
| Storage temperature | -4~140℉ (-20℃~60℃) |
| Power consumption | 13.5W （Max) |
| Installation | Options (table/floor) |
| Dimensions | 0.972x0.436x0.082ft (296.18*132.88*25mm) |
| **Packing list** | |
| Packige | Machine x 1, power adapter x 1, base x 1 |
| Display package size | 1.394x0.554x0.367ft (425x169x112mm) |
| A08F base packing size | 4.216x1.41x1.23ft (1285*430*375 mm) |

*Design and specifications are subject to change without notice*

## REMOTE SOLUTION



Orion Images developed remote programs that can provide real-time monitoring, access control, and user registration through a PC.

## INPUT INTERFACE



## DIMENSIONS



Desktop Model

Floor stand Model

LIBERTY AV SOLUTIONS