

# 8-inch Facial Recognition Fever Screening Access Tablet With Cloud Reporting

## Product Introduction

The 8-inch binocular facial recognition fever screening access tablet allows person in based on facial recognition and takes temperature simultaneously. It implements the following functions: face-based access control, anti-spoof, fever screening, attendance reporting and no-face-mask alerts. The fever screening tablet can also be managed with cloud reporting.

Applications:

Schools, office building, hospitable, public transportations



## Product Highlights

### Accurate Facial Recognition

- ▷▷ Liveness Detection
- ▷▷ Facial Recognition Algorithm Even with Face Mask
- ▷▷ Fast Recognition Time within a Second
- ▷▷ Supporting Multiple Complicated Environments
- ▷▷ Support Local Database of 25000 Subjects
- ▷▷ No face-mask face alert

### Reliable Platform

- ▷▷ Reliable Linux System
- ▷▷ Working Environment : -25° C to 60° C
- ▷▷ Weatherproof: IP65

### Infrared Temperature Measurement

- ▷▷ Non-contact Infrared Temperature Measurement
- ▷▷ Accuracy:  $\pm 0.3^{\circ}$  C
- ▷▷ Real-time Body Temperature Display
- ▷▷ Fever Alert

### Interfaces

- ▷▷ Wigan Interface Connection as for Card Reader
- ▷▷ Voice Alert
- ▷▷ External TTL Weigen Module Input

## Specifications

| Hardware             |   |
|----------------------|---|
| Processor            | 3516DV300   |
| System               | Linux System  |
| Storage              | 16G EMMC  |
| Image Sensor         | 1/2.7" Progressive Scan CMOS                        |
| Focal Length         | 4mm   |
| Facial Recognition   |   |
| Recognition Distance | 0.5~2 m   |
| Supported Face Pose  | Horizontal 30 Degrees, Vertical 30 Degrees          |
| Recognition Time     | <1 s  |
| Face Database        | 22400+ Face Database and 100000 Recognition Records |

| Interface              |   |
|------------------------|---|
| Relay                  | 1 Channel   |
| The Power Supply       | DV12V/3A  |
| Network Interface      | 1 RJ45 10M / 100M Adaptive Ethernet Port                                    |
| Wigan Output Interface | 1 Wigan Interface Output, Supporting Wigan 26 and 34                        |
| Wigan Input Interface  | Default None  |
| USB Interface          | 2   |
| Cameras                |   |
| Camera                 | One RGB camera and one 850nm infrared camera, Supporting Liveness Detection |
| Pixel                  | 200 Million Effective Pixels, 1920*1080                                     |
| Minimum illumination   | Color 0.01Lux @F1.2(ICR); Black and White 0.001Lux @F1.2 (ICR)              |
| SNR                    | ≥50db(AGC OFF)  |
| Wide Dynamic Range     | ≥80db   |
| General                |   |
| Working Temperature    | -30°C - +60°C   |
| Working humidity       | 5 ~ 90% relative humidity, no condensation                                  |
| Power Supply           | DC12V/3A  |
| Power Consumption      | 20W(MAX)  |
| Tablet Size            | 147.5(W) * 24(T) *243(H)mm  |
| Screen Size            | 8 inch  |
| Weight                 | 2kg   |

## Thermal Imaging Module

|                         |                     |                                 |
|-------------------------|---------------------|---------------------------------|
| Detector                | Type                | Uncooled Infrared Array Sensors |
|                         | Main Operating Band | 8—14um                          |
|                         | NETD                | ≤60mk                           |
| Temperature Measurement | Range               | 20°C-50°C                       |
|                         | Distance            | 0.4-1m                          |
|                         | Accuracy            | ±0.3°C                          |
| The Power Supply        | Working Voltage     | DC5V                            |
|                         | Power Consumption   | ≤0.5w                           |
|                         | Working Environment | 10°C-45°C                       |