

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