

TSX300-A-CW

Facial Recognition Tablet Thermometer



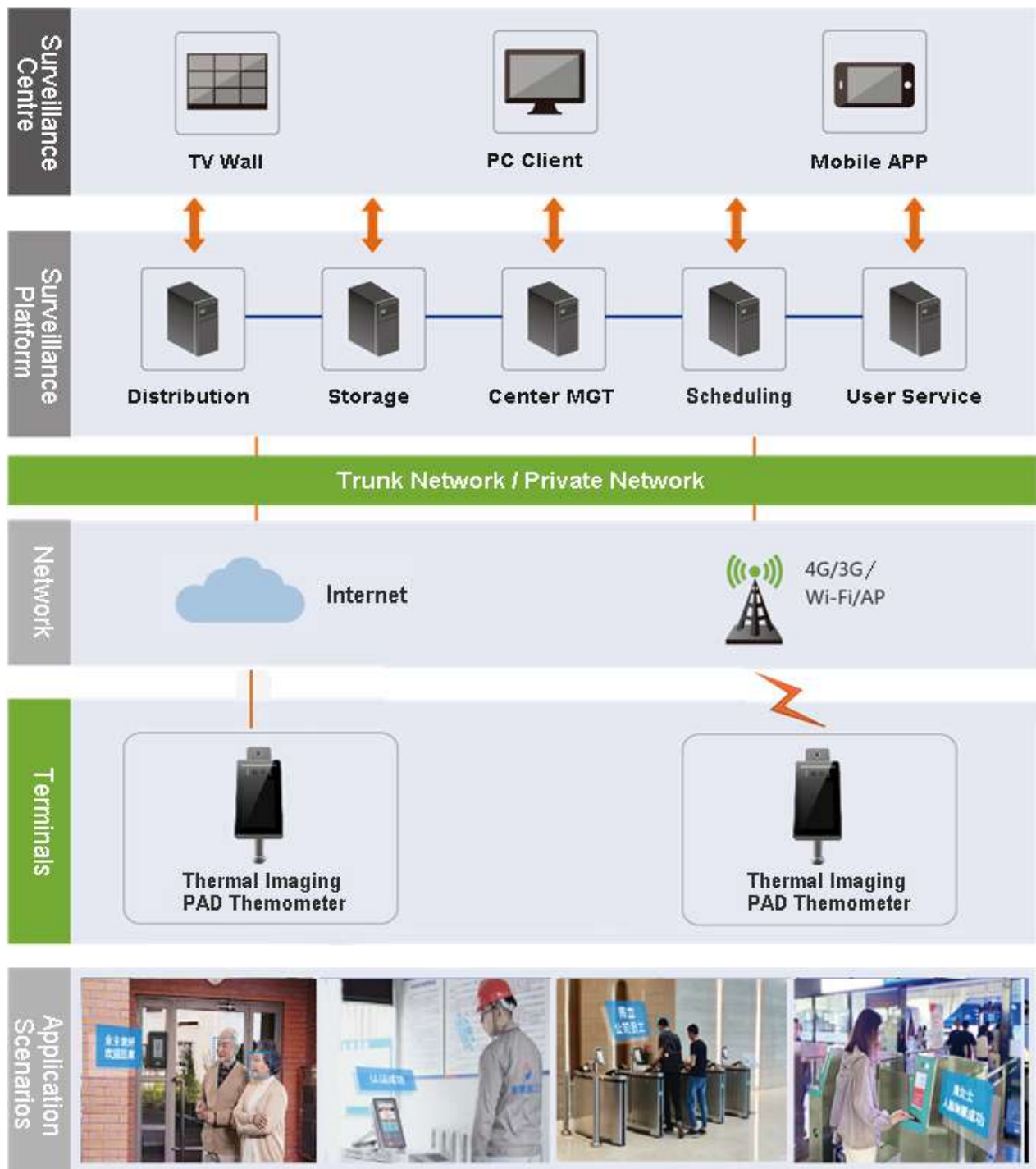
Product Introduction

TSX300-A-CW Face Recognition Temperature Measuring tablet is an intelligent terminal integrating non-contact thermal imaging temperature measuring, authentication, live attendance and remote real-time image transmission. The products is mainly for fixed gateway scenario requires high passage efficiency , can realize full real-time thermal imaging and high precision temperature measurement, abnormal temperature alarm, temperature registration and report, face detection, recognition and display, dynamic binocular + living detecting anti-fake, mask wearing and early warning, traffic statistics, remote video transmission, two-way voice intercom, storage, white list release, attendance management, etc. The product has the advantages of fast temperature measurement, accurate temperature measurement, high passage efficiency, high authentication safety factor, easy operation, and normal deployment during non-epidemic period, etc., which can reduce the risk of cross-infection of personnel gathering, improve passage efficiency. Meantime, to avoid the risk of various kinds of photo/video deceiving passage.

Functions & Features

- * Non-contact rapid screening, full real-time temp measurement
- * High precision temp measurement ($\pm 0.3^{\circ}\text{C}$) , measurement speed is fast ($< 1\text{s}$)
- * Support abnormal temp alarm, no mask detection alarm
- * Support face recognition, authentication and release management
- * Support dynamic binocular + live detecting anti-fake
- * Front-end face fast registration, remote batch face management
- * Support on-off, Wiggins, USB, RS232, RS485 etc. input and output
- * Support 4G remote transmission
- * Ethernet communication, WiFi optional
- * 7" highlight LCD display, automatic brightness adjustment
- * High-performance AI chip, 100K level face data base
- * HTTP protocol, SDK and other secondary development interface
- * Detection and recognition results local display, interface can be customized
- * Two-way voice intercom, built-in sound pickup and speaker

System Application



Industry Application



Technical Parameters

Operation System	Linux operation system
View Angle of temp measurement	90°*90°
Temp measurement accuracy	±0.3°C
Temp measurement distance	30~50cm
Temp measurement environment	≥10°C
Temp measurement speed	<1s
Face recognition time	<500MS
Recognition Accuracy	>99%
Face base	1~100k PCS
Camera shooting Sensor	1/2.8, 2.0 Mega starlight level
Camera filling light	Support IR and white light
Display size	7" highlight LCD display screen
Display screen resolution	1280×720
Display screen interface	Video preview, face recognition result output
Sound function	Support two way voice link up, warning voice output
Sound interface	Built in pickup and speaker
Ethernet	10/100M self-adaption
WiFi	Optional
4G	Support
USB Interface	1 PC USB
RS232 Interface	1 channel 232 extension , 3.81 terminal
RS485 interface	RS485
Alarm input	2 channel on-off input, 3.81 terminal (tail line output 1 channel)
Alarm output	2channel relay output, 3.81 terminal (tail line output 1 channel)
Wiggins interface	1 channel Wiggins input , 1 channel Wiggins output1, 3.81 terminal
Power supply	DC12V
Power consumption	10W
Working temp	-20°C~60°C
Working Humidity	5%~90%
Product Dimension	250 mm×135 mm×32.8 mm
Product Weight	1.5 kg

Order Model

TSX300-A-CW	Support high accuracy temp measurement, face detection, face recognition, mask detection, etc.
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