

# RG-WX-TP01

## Facial Recognition and Temperature Measuring Terminal Datasheet

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# 1 Product Photo



RG-WX-TP01 Facial Recognition and Temperature Measuring Terminal

Fig 1-1 Product photo

## 2 Product Overview

Ruijie's facial recognition and temperature measuring terminal can use infrared temperature measuring technology and AI facial recognition technology to achieve accurate personnel identification and temperature measurement, thereby building the first line of defense. By integrating edge computing and cloud computing, it realizes both attendance check and temperature measurement. The terminal can be deployed in transportation hubs, enterprises, office buildings, schools, hospitals, public security, government and other high-traffic scenarios, and it is recommended to deploy the terminal in indoor and windless environments.

### **Accurate temperature measurement:**

Fast and accurate non-contact automatic temperature measurement with temperature accuracy of  $\pm 0.3$  °C, automatic collection and recording of abnormal temperature information

### **Real-time alert:**

User-defined temperature threshold, direct data display, voice alarm and forbidden access for abnormal conditions

### **Mask detection:**

Automatically identify if the target is wearing a mask. When detected a target not wearing mask, the voice alarm will be triggered, and access will be forbidden to increase the awareness in disease prevention

### **Facial recognition:**

Support facial recognition and fast identification of the target with abnormal body temperature to improve the efficiency of precaution, situation handling and retrospective work

### 3 Technical Specifications

Facial recognition and temperature measuring terminal		
Integrated facial recognition and temperature measuring terminal	Operating system	Linux
	Camera	2 million pixels, wide dynamic range, dual-camera, anti-backlight
	Display	7-inch IPS screen with 600 x 1024 resolution
	Authentication mode	Facial recognition, temperature measurement, support IC card and ID card
	Temperature measurement range	0°C~50°C
	Temperature measurement accuracy	±0.1°C@30cm, ±0.3°C@50cm, ±2°C@150cm
	Mask detection	Support mask detection, and automatic voice alarm when it has detected target not wearing mask
	Storage	30,000 facial images database, 150,000 records
System specifications	Power input	220V
	Power consumption	<10W
	Operating temperature and humidity	Camera: 0 °C ~ 50 °C, <95% RH
	IP rating	IP53

## 4 Ordering Information

Ordering Information		
Model	Description	Remarks
RG-WX-TP01	Facial recognition and temperature measuring terminal	