

RG-WX-TD02

Infrared Facial Recognition and Temperature Measuring Security Gate Datasheet

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1 Product Photo



Infrared facial recognition and temperature measuring security gate

Fig 1-1 product photo

2 Product Overview

Ruijie's infrared body temperature measuring security gate can perform infrared non-contact temperature measurement, facial recognition and mask detection via the integrated facial recognition and temperature measuring terminal, with the support of IC card reader. The security gate can be deployed in transportation hubs, enterprises, office buildings, schools, hospitals, public security, government and other high-traffic scenarios.

Infrared non-contact temperature measurement:

- The integrated facial recognition and temperature measuring terminal on the security gate can perform forehead temperature measurement (temperature accuracy: $\pm 0.2^{\circ}\text{C}$)
- Detection distance: <50cm, scanning height: 1.45m-1.90m

Facial recognition and mask detection:

- The integrated facial recognition and temperature measuring terminal on the security gate can perform facial recognition and mask detection, as well as real-time alert of non-authorized personnel

Card reader:

- The integrated facial recognition and temperature measuring terminal supports card reader feature

Build your first line of defense

3 Technical Specifications

Infrared thermal imaging & temperature measuring security gate		
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
	Weight	<75kg
Security gate dimensions	External dimensions	2.20m (height) 0.85m (width) 0.43m (depth)
	Passage dimensions	1.98m (height) 0.71m (width) 0.40m (depth)

4 Ordering Information

Ordering Information		
Model	Description	Remarks
RG-WX-TD02	Infrared facial recognition and temperature measuring security gate	