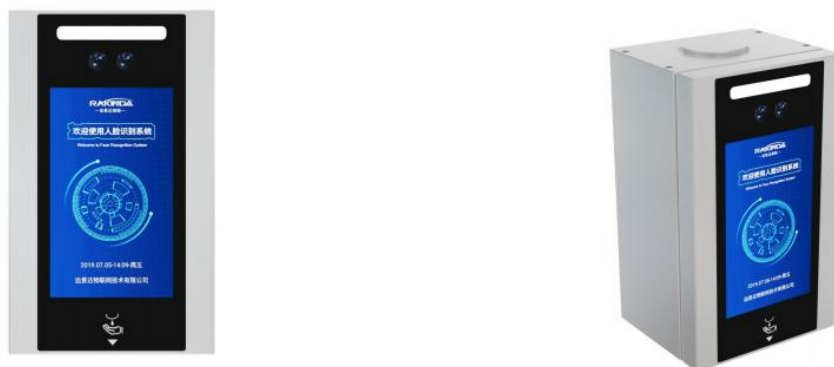


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T7 Facial Temperature Measuring Soap Dispenser Terminal User Manual

Scanmax Tech Enterprise Co.,Limited

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T7 Facial Temperature Measuring Soap Dispenser Terminal

1. Product Introduction

1.1 Brief Introduction for T7


T7 is a convenient and safe industrial visual face recognition terminal. Based on the latest deep learning face recognition algorithm of SCANMAX Technology, it is widely used in office buildings, parks, school stations, enterprises, governments and scenic spots, and other traffic scenes, helping to achieve intelligent security management and control. The system supports binocular infrared in living detection, while increasing the human temperature screening function, is a new generation of intelligent verification means. This product measures the human body temperature by collecting the infrared thermal radiation emitted by the human body, and measures the human body temperature through the voice broadcasting, and reminds whether the human body temperature is normal after the completion of the test, the hand will automatically flow out of the liquid outlet for disinfection and sterilization. Collective temperature measurement and sterilization as one of the multiple functional automatic products, simple operation, users only need to place their hands on the induction, can measure the hands temperature and complete the automatic induction disinfection. Widely used in schools, hotels, banks, government agencies, hospitals, enterprises, large business super, hotels, customs, families or other public places

1.2 Product Features

- ◆ Identify fast accurate: 300 milliseconds to complete face recognition, recognition accuracy is higher than 99%, 0.5 m ~ 1.5 m recognition support;
- ◆ Recognition database is big: library to support local people, 5000 people; supports local storage device history records of 20000 people;
- ◆ Detection: powerful real-time detecting and tracking human faces, in the side face, half shade, precise detection fuzzy situation, etc ;
- ◆ Infrared live detection: effective defense 3 d printing, electronic screen, video, pictures, masks, caps

and other nonliving attack;

- ◆ Standardized interface: support wiggins agreement, entrance guard industry support third-party business systems and docking;
- ◆ Support external card reader;
- ◆ Exception alarm report: support equipment evictions, forced open the door alarm, door magnetic timeout and nonliving against abnormal alarm report;
- ◆ Support RS - 485 serial port, wiggins 26/34 output interface;
- ◆ Support public network, local area network (LAN) using deployment way;
- ◆ Support HTTP interface docking;
- ◆ Support screen display configuration;
- ◆ Support configuration identification distance;
- ◆ Rich management functions: personnel management, visitor management, equipment management, staff attendance, employee bulk warehousing, group management, traffic management, traffic record query, data report export, remote upgrade, etc.

<p>Outside View</p>					
<p>Material Craftwork</p>	<p>Component</p>		<p>Material & Technics</p>		<p>Conductive Requirement</p>
	<p>Shell</p>		<p>Aluminum or sheet metal, embedded in other equipment, no appearance requirements</p>		<p>Internal conduction</p>
	<p>TP</p>		<p>Glass,Black</p>		
	<p>Barcode Scanner</p>		<p>Optional</p>		
<p>Color Scheme</p>	<p>Colour</p>		<p>Detailed Description</p>		
	<p>Aluminum color: silver</p>				
<p>Screen Hardware</p>	<p>Overall Size</p>		<p>150mm(L)*100mm(W)*240mm(H)</p>		
	<p>Hardware Platform</p>		<p>S905D3 4x ARM® Cortex™ A55 1.9GHz 64bit 1.2T NPU</p>		
	<p>Storage</p>	<p>RAM</p>	<p>2GB DDR4</p>		
		<p>ROM</p>	<p>8GB EMMC</p>		
		<p>Extended Storage</p>	<p>Support 64G</p>		
<p>Camera</p>	<p>Front Camera</p>	<p>Type</p>	<p>RGB</p>		

			Resolution	200W
			Aperture	F2.0
			Focal Length	4.3mm
			Horizontal Angle	40°
			Vertical Angle	65°
			Chip	PS5268
			Interface	USB
		Rear Camera	Type	IR
			Resolution	200W
			Aperture	F2.0
			Focal Length	4.3mm
			Horizontal Angle	40°
			Vertical Angle	65°
			Chip	PS5268
			Interface	USB
		Baseline of Binocular Camera Interval		17mm
	Light	IR Fill Light		Support
			White Fill Light	Support
			Indicator Light	None
		Human Sensor		Not Support
		Light Sensor		Not Support
		Transmission		Lora
		Transmission		WIFI/BT/GPS
		Card Reader		IC&ID
		ID Card		
		Body Temperature Measurement		Support
		4G-LTE		Overseas Standard
	Other			
Internal Interface	IR Fill Light	2PIN		
	White Fill Light	2PIN	1 Channel White Fill Light	
	RGB Camera	USB_4PIN		
	IR Camera	USB_4PIN		
	WIFI Antenna Holder	RF Carrier Generation		
	Speaker	4PIN		
	MIC	2PIN		
	CTP	I2C 6PIN		
	LCD	MIPI 30PIN		
	Other			

Structure Configuration	Motherboard PCB Size			
	Camera PCB	T1.0		
	IR Light Board PCB	T1.0		
	Antenna	WIFI、BT Antenna	2 in 1 Antenna	
		LTE Antenna	Not Support	
		GPS Antenna	Not Support	
	Button	Upgrade Button	On the Harness	
		Reset Button	Motherboard	
		Anti-demolition Construction		
	Display Screen	Display Size	7.0"	
		Specification	HD Outdoor Using	
		Resolution	600*1024	
		Interface method	MIPI	
		Pin	40pin	
		Glass Model		
		IC Model		
		Connection Method	ZIF	
	TP	Craft Pattern	Caterpillar	
		Touch Type	Single point + Gesture	
		Structure Type	COF	
		Sensor Solution	G+G	
		Thickness of glass cover	T1.1	
		IC model	BL6391	
		Connection Method	ZIF	
	Speaker	Type	BOX	
		Speaker Specifications	8 Ohm 1W	
		Quantity	Double	
Connection Method		Socket		
MIC	MIC Specifications	6022		
	Quantity	1		
	Quantity	Socket		
USB	Type C			
	OTG	On the Harness		

		USBA2.0	On the Harness
	SIM Card Holder	Card Type	None
	Extended Storage	T Card	Not Support
		U Disk	Not Support
	RTC Battery	Battery Capacity	150mA
		Battery Connector	Socket
Other			
External Interface	USB	USB2.0*2	USB-A 4pin
	OTG	USB2.0*1	USB-A 4pin
	Switch Interface	Relay	NC COM NO
	Ethernet	RJ45 Interface	100Mbps Ethernet
	Wiegand Interface	Support Wiegand 26/34WD0 WD1 GND	Support
	Call the Police	IO Input Detection	Support
	Door Sensor		Support
	Upgrade Button		Support
	Serial Port	RS485 compatible with TTL	Support
	Battery	Lithium battery 15000MA	Support
	Power Connector	12V 2A	
Certification	China	3C	
		The Third Institute of the Ministry of Public Security	
	Overseas	CE	
		FCC	
		ROHS	
Software Configuration	Operating System	Android 9.0	
	User Interface	JW_UI_V2.0	
IP Grade		IP54 Outdoor Waterproof	

	Host Parameters
Product Size	150MM*100MM*240MM
Product Material	SS304+Acrylic /SS201

Maximum Power	3W
Power Supply	4 AA batteries or D C5V2.1A
Product Features	Detect body temperature and auto-sensing hand sanitizer disinfection
Temperature Display	Digital display
Measurement Method	Infrared sensor
Detection Distance	5-10CM
Temperature Range	Body Temperature(32°C~42.9°C, 89.6°F~109.2°F)
Allowable Error	±0.2°C
Detection Time	2 Secs
Capacity	1000ML
Liquid Type	Wash Free Hand Sanitizer, Ordinary Hand Sanitizer
Liquid Out Method	Infrared sensor
Working Environment	10oC~40°C(50°F~104°F) Humidity V85%
Storage Environment	20°C~55°C(-4°F~131°F) Humidity V85%
Temperature Unit	Celsius (°C)/Fahrenheit (°F)
Weight (Net Weight)	5KG

- ◆ Using high-precision infrared sensor, stable and reliable performance;
- ◆ Automatic body temperature detection and automatic dispensing of hand sanitizer are integrated, making disinfection more convenient;
- ◆ Strong environmental temperature adaptability, can still be used normally in complex environments;
- ◆ Smart digital display, clear and soft display;
- ◆ Smart power saving and automatic wake-up;
- ◆ Celsius and Fahrenheit as choice;
- ◆ It is widely used in schools, hotels, banks, government agencies, hospitals, enterprises, large supermarkets, hotels, customs, homes or other public places.