palm vein verification & temperature measurement panel

user manual

118.8 21. 1-82° 22 -61.8 -219. Ø42.7 → M33*1.5 Column section

2.2 Pigtail Interface



Foreword

The purpose of this section is to ensure that user can use product correctly through this manual to avoid danger or property damage during operation. Before using this product, please read the manual carefully and save it for future reference.

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About this manual

Use this manual as a guide. The photos, graphics, diagrams, and illustrations provided in the manual are for reference only. They may differ from specific products. Please refer to actual product. The company may update this manual due to product version upgrades or other needs. If you need the latest version of the manual, please log on to the company's official website to check.

It is recommended that you use this manual under professional person guidance.

Disclaimer

1.To the maximum extent permitted by law, the products described in this manual (including hardware, software, firmware, etc.) are provided "as is" and may have defective or errors. The company does not provide any form or Implied warranties, including but not limited to warranties of merchantability, quality satisfaction, fitness for a particular purpose, and non-infringement of third-party rights; nor does it impose any special, incidental, incidental, or indirect damages resulting from the use of this manual or the use of our products Compensation, including but not limited to loss of business profits, loss of data or documents. 2.If you connect the product to Internet, the product may be subject to network attacks, hackers, and virus infections. you have to bear risk

Tail	line	interface	description:	

No.	Name	Description
1	RJ45	100M
2	DC12V	POWER IN 12V/2A
3	USB	USB 2.0
4	RS485	485 communication
5	ALARM OUT	RELAY SWITCH
6	WG IN	1:D0 2:D1 3:GND
0	WG OU	1:D0 2:D1 3:GND

Chapter 3: Installation Instructions

Installation environment description:

1. The extension of the power cord (weak current part) should not exceed 2 meters, otherwise it will lead to insufficient voltage supply at the host side of the device, and abnormal phenomena such as repeated restarts and crashes will occur. If the power supply is far away from the device, you can extend the power cord (strong power part).

2. If other adapters are used, such as 9V and 1A, insufficient voltage and low current will cause the device to restart repeatedly.

3. The cables used should not be too thin (such as thin network cables). It is recommended to connect multiple identical cables in parallel or use cables with thick copper cores to ensure that the voltage is greater than 12V.

byyourself. But we will provide you with technical support in time. 3.When using this product, please strictly follow the applicable laws. If the product is used for infringing the rights of third parties or other improper uses, the company will not bear any responsibility.If the contents of this manual conflict with applicable laws, the legal provisions shall prevail.

Sian convention

The description of the symbols that appear in the document is shown below

1. Descriptive text, which supplements and explains the text. 2. 🔥 Warning texts indicate potential risks. If not avoided, they

may cause injury, equipment damage, or business interruption. 3. A Dangerous text indicates that there is a high potential risk. If it is not avoided, it may cause Serious danger of personal injury or death.

Tips:

To protect your privacy and improve product security, we strongly recommend that you set a morecomplex password according to the following rules: 8-16 characters, consisting of two or more types of numbers, uppercase and lowercase letters, and special characters Made. Please understand that you are responsible for properly configuring all passwords and other related product security settings.

3.1 Installation guide for gate column

According to the needs of the installation site, open holes in the space on the gate, generally in the middle or at the front. \oplus is the recommended opening position, as shown in the figure.



Notice

1. Opening position: It should be selected according to the actual application scene and gate type.

2. Hole diameter: It is recommended to open a hole with a diameter of 34mm.

3.2 Wall Mounting Installation Guide

Recommended installation height: The palmprint module is 110cm away from the ground, which can be adjusted according to the actual situation.

1. Take out the equipment in the box;

the bottom of the device, remove the installation hanging plate, and fix the hanging plate on the wall according to the corresponding installation holes:

3. Hang the device on the mounting plate from top to bottom; 4. Tighten the anti-removal screws at the bottom of the device; Installation diagram:



2. Use a special wrench to remove the anti-removal fixing screws at



Chapter 1: Product Overview

The 7-inch palm vein verification & temperature measurementpanel

is based on the LINUX system, adopts the industry-leading non-contact

palmprint recognition module, Its optical system consists of near-infra-

red fill light, wide dynamic image sensor and aspheric non-distortion

personnel such as high labor cost and low efficiency; help managers to

complete regional gate control authority management and personnel

attendance management around the clock, greatly reducing existing

and potential technical loopholes, hidden dangers and risks in the

I. Non-contact acquisition module, support 15~35cm recognition

II. Using a million-level distortion-free optical module, it can capture

III. Supports internal storage of 3000 palmprint images, and the

(3) Body temperature detection: support human body temperature

(4) Voice broadcast: support the broadcast of palmprint verification

(5) Support 100,000 records that can be saved and exported, which

(6) Support online networking, use with management cloud platform

(7) Rich interface protocols, support SDK and HTTP, MQTT protocols

recognition, detection distance: 0~3cm, detection accuracy: ±0.5°C;

high-quality palm surface line features, as well as subcutaneous 3mm

(1) Adopt 7-inch high-definition LCD display;

internal vein feature images, effective anti-counterfeiting;

Solve the disadvantages of traditional manual duty management

1.1 Product Introduction

access control security system .

(2) Palm vein identification:

recognition time is less than 1s;

is convenient for retrospect;

results, body temperature results, etc.;

and push traffic records in real time:

under Windows/Linux and other platforms;

1.2 Product Features

height;

mega camera.

Chapter 4: Instructions

4.1 IE page setup and environment setup

In an environment where all aspects of the device and network work normally, open the IE browser, Input the device IP in the address bar, [IP defaults is 192.168.1.88], press Enter button, pop up login interface, input password: admin ,Click Login.

用户名:	admin		
密码:			
	登录		

1.3 Packing list

No.	Name	Qty
1	palm vein verification & temperaturemeasurement panel	1
2	user manual	1
3	Warranty Card/Qualification Certificate	1
4	Wall mount bracket (this item is suitable forwall mount access control machine)	1
5	Kits	1

Chapter 2: Appearance

2.1 Appearance Dimensions



Restricted Substance or Element Identification Table"Measures for the Administration of the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products"

Restricted Substances or Element Identification Table"Administraive Measures for Restricted Use of Hazardous Substances in Electrical and Electronic Products" Restricted Substances or Elements.

part name	Pb	Hg	Cd	CrVI	PBB	PBDE
metal parts	х	0	0	0	0	0
plastic parts	0	0	0	0	0	0
glass parts	х	0	0	0	0	0
circuit board	х	0	о	0	ο	0
Power supply (if available)	х	ο	о	ο	ο	о
Appendix	х	0	0	0	0	0

1. This form is prepared in accordance with the provisions of SJ/T 11364-2014.

2. O indicates that the content of this hazardous substance in all homogeneous materials of this part is within the limit requirement specified in GB/T 26572-2011.

3. × indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirement specified in GB/T26572-2011, and there is currently no mature alternative in the industry, which meets the environmental protection requirements of the EU RoHS Directive.