



**Dedication, Integrity, Innovation, Win-win**  
**RFID application expert**

**Products**



# RFID intelligent interactive terminal

**Guangzhou Rovinj Mdt InfoTech Co., Ltd.**

## 1. Product Introduction

ROV-JH801 is an interactive RFID intelligent display terminal independently developed and designed by our company. It is based on radio frequency identification technology and integrates mainstream multimedia touch all-in-one machines and other technical products. It is a brand for retail stores and consumers in the retail industry. Here comes a rich and differentiated experience. This product has the characteristics of high-precision reading rate, interactive experience, multi-screen interaction, etc. It realizes the simultaneous display of "physical goods + digital goods" in the store, presents the brand and product value from all angles and angles, and provides the most direct data for brand sales decisions Means of collection;

Industry scene application: brand supermarket stores.

## 2. Physical photos



## 3. Technical characteristics

- RFID long-distance automatic identification;
- Multifunctional integrated capacitive touch;
- High-definition display (viewing angle 178° );
- Support multi-screen interaction between mobile terminals;
- Provide interface, seamless connection of multiple application platforms;

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#### 4. Product characteristics

consumer:

- Understand product information and characteristics from multiple angles;
- Increase the interactive virtual try-on experience;
- Get professional designer trend matching recommendations;
- Self-service settlement, convenient and fast;

Retail store:

- All-round multi-angle presentation of brand and product value;
- Virtual display rack, large space display;
- Intelligent shopping guide, increase customer stickiness;
- Combination and collocation to promote related sales;
- Obtain data on best-selling products and provide visual data support for brand marketing decisions;
- Master inventory information in real time to prevent loss of orders caused by color breakage.

#### 5. Technical parameters

Main performance index	
model	RFID intelligent interactive terminal (ROV-JH801)
size	Length: 330mm
	Width: 25mm
	Height: 650mm
weight	7Kg
Air interface protocol	ISO/IEC 18000-6C EPC Class1 Gen2
Frequency Range	920Mhz-925Mhz
Antenna gain	3dbi
Antenna standing wave	≤1.5
Power adjustment range	18-26dBi

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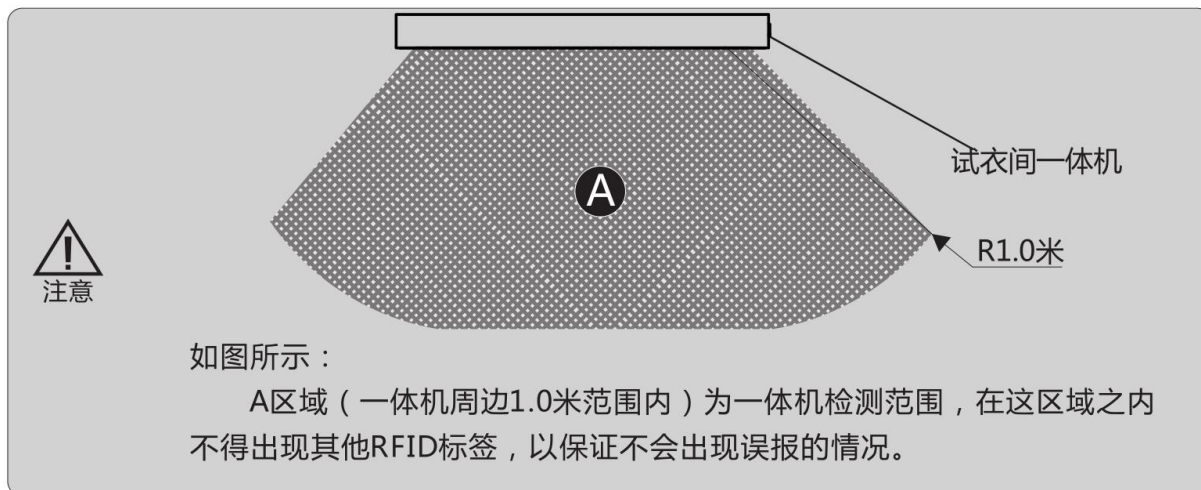
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Touch screen	21.5" capacitive screen, supports 10-point touch; display pixels 1920*1080, viewing angle 178°
smart system	Android 6.0, Rockchip RK3288's strongest quad-core 1.8GHz Cortex-A17 quad-core GPU Mail-T764
Memory storage	EMMC 8G (default)/16/32G/64G (optional), 2KB EEPROM, support TF card
Network support	3G, Ethernet, support WiFi/Bluetooth 4.0, wireless peripheral expansion
Data interface	2 USB HOST, 4 USB sockets
Operating temperature	-10℃~50℃

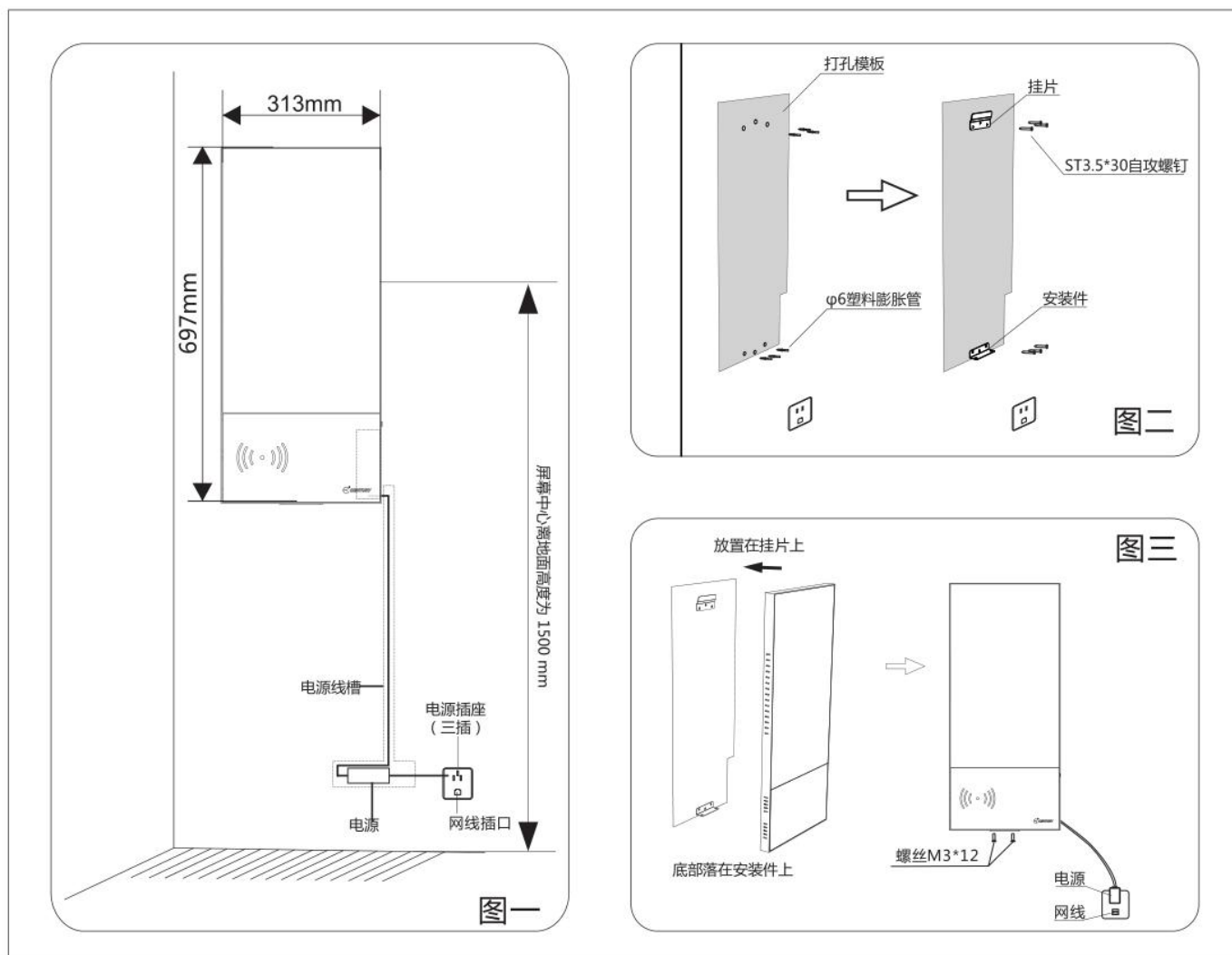
## 6.Product composition

The main body of the product contains four functional modules: 1, antenna, 2, UHF reader, 3, computer, 4, industrial control module.

functional module	Functional description
Industrial control module	Equipment control processing center for controlling each functional module
UHF Reader	Used with antenna to identify clothing label information, which supports multi-piece group reading
antenna	Scan the electronic label information, the direction angle can reach 90° , no blind area in the near field
computer	Display product information, clothing matching information, etc., provide touch operation, convenient for customers



#### 四、产品安装说明



1. At the installation location of the intelligent interactive terminal, reserve power sockets and

network sockets. It is best to reserve a wire slot for the power cord.

2. Take out the perforated template in the packing box, and pre-embed the plastic expansion tube on the installation wall according to the hole position of the template; take out the installation parts and hanging pieces, and fix it to the plastic expansion tube with ST3.5\*30 self-tapping screws.

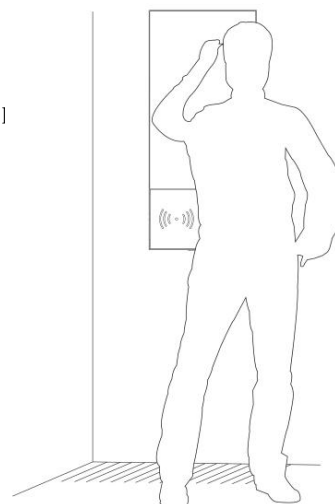
3. Hang the intelligent interactive terminal on the installed hanger, make sure that the bottom falls on the installation piece, and then fix the device with M3\*12 screws from the bottom to the top, and finally connect the power supply and network cable.

## Product Features

The intelligent interactive terminal combines technologies such as radio frequency identification, computer network, touch screen control, and store software, and is suitable for apparel stores and retail stores.

The main functions include:

1. You can bind the customer's personal VIP account and collect
2. One call to the clerk, no need to leave the fitting room to complete the fitting replacement;
2. Automatic identification of try-on clothes and product information push;
4. Recommended for try-on collocation;5、 等。



## Troubleshooting

Serial number	malfunction	solution
1	Device fails to start	Whether the device is powered on
		Whether the power cable of the device is loose
2	Computer screen cannot be displayed	Whether the main power is turned on
		Check if the computer power supply is connected correctly and the computer is charging
3	No response from reading	Read if the software is installed correctly

	software	读取软件参数设置是否合理
		电脑与读写器的连接线是否脱落松动