

ID info 7000
RFID Terminal
Hardware Description and Commissioning

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1 introduction

1.1 Overview

The ID information 7000 is a single-board computer based on Android 5.1 or with customized graphics drivers for the built-in touch screen. Below the touch screen, an RFID device is installed with the antenna.

How do I turn on the product and control it?

If you receive this product, please follow the following steps:

1. Open the box, remove the product and the power adapter.
2. Power - Connect the DC adapter to the AC power outlet. The maximum input voltage is 230V. If you hear a "DI", the product begins to operate.
3. Internet - Connect the Internet cable to the LAN port on the back of the product. You can also use a wireless connection (selection in Settings).
4. Language in Settings
5. The operation is like an Android tablet!

1.2 Reference literature:

If you want to do more with the built-in RFID device than to detect the UID, so please inform yourself in the descriptions of each RFID device on the functions and the communication protocol.

In the HF version of the ID INFO 7000 of the M890 Desfire module is installed

For the ID info 7000 with HF RFID is this:

OEM DES devices Communication Protocol_x.yy_EN.pdf

2 installation

2.1 Electrical connections

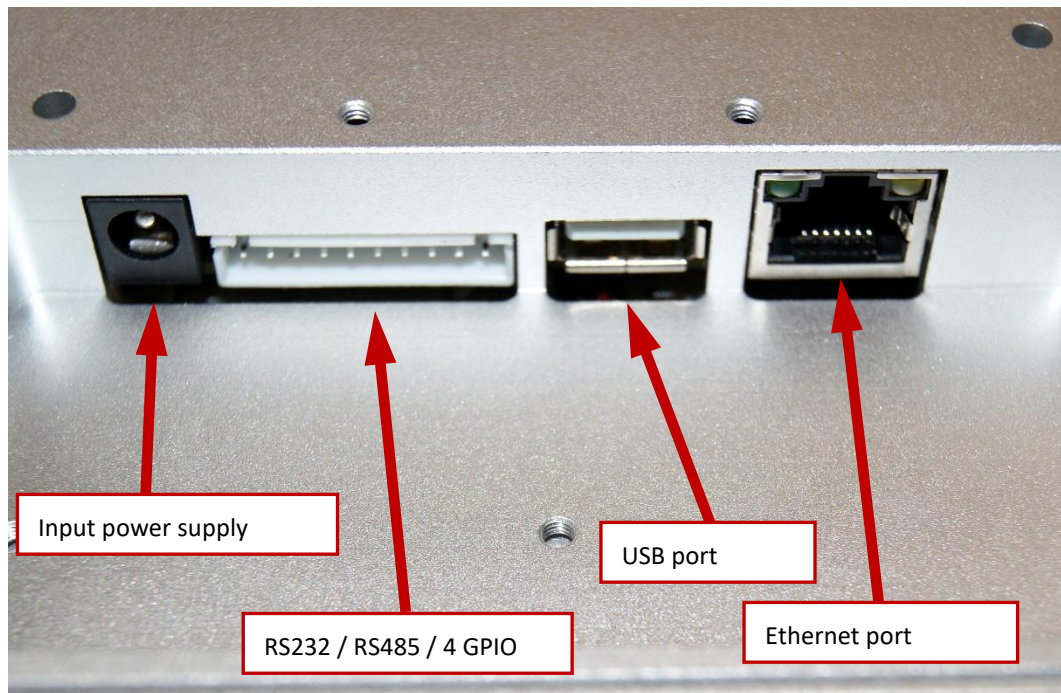


Illustration 1: Location of the ports

2.2 Dimensions

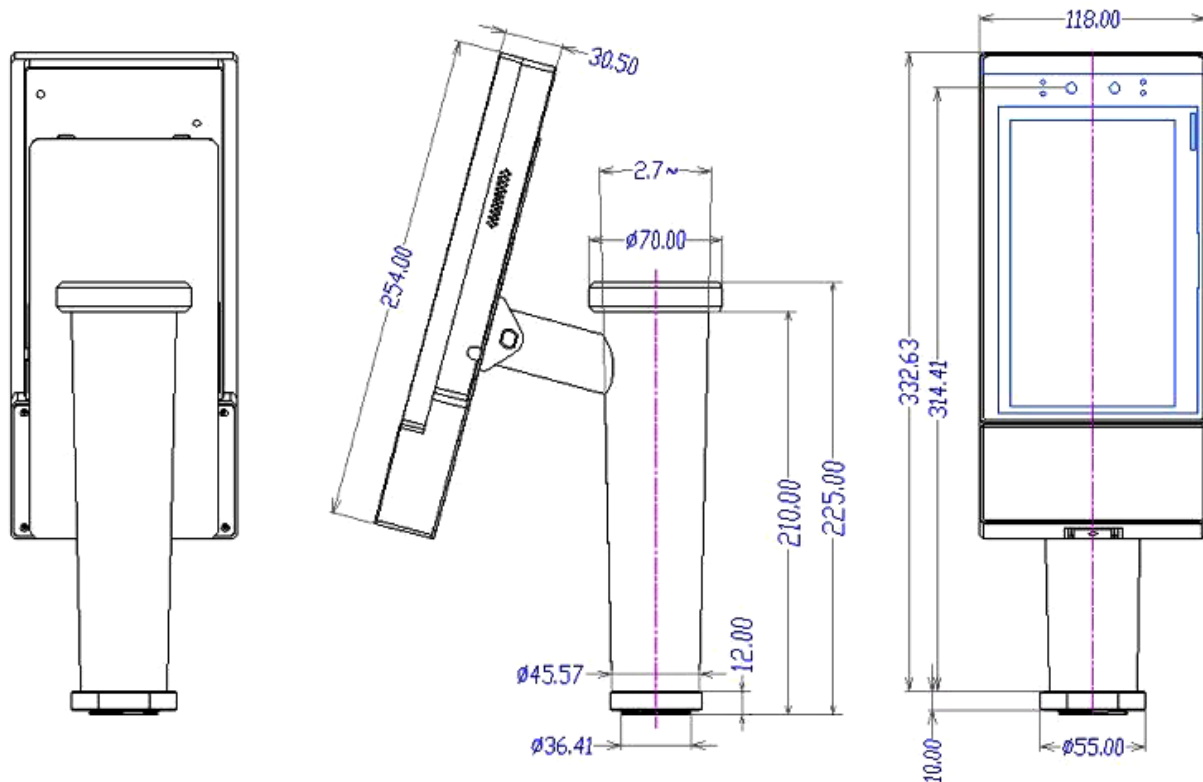


Illustration 2: Dimensions with mounting

3 Technical specifications

Dimensions	254 × 118 × 30.5 mm
power supply	2A 12Vdc, round plug ø 5.5 / 2.5 mm
power consumption	At 12 V: 2 A (about 24 watts)
RFID frequencies	13.56MHz (Mifare)
RFID module	OEM-DES-M890 USB
operating system	Android 5.1
processor	Rockchip RK3288 (quad-core Cortex-A17 up to 1.8GHz, Mali-T764 GPU)
processor speed	1.8GHz
R.A.M.	2/4 GByte DDR3 @ 528MHz
Flash memory (on-board MMC)	8 GB
Ports (Internal)	2 x GPIO supports output 5V power level
ports externally	1X RS232 / RS485 / 4x GPIO
interfaces	1 × USB host 1 1 × RJ-45 10/100 Mbps Ethernet
operating temperatur	from 0 ° C to +70 ° C
Multi-touch screen	Support up to 10 fingers
display	LCD 7 ", 1024 x 600, Touch screen
Display	TFT LCD
graphics accelerator	OpenCL, DirectX 11, embedded 2D
Backlight	LED
wall mounting	available
optional	(125 VAC, 60 VDC) 1 external relay for controlling external devices
order data	ID info 7000 with HF RFID R-EA-IN7000-HF