

i3 RFID Portal



Features

- Powered by Impinj R2000 chipset for maximum tag detection performance.
- Built-in infrared sensor, which can trigger tag reading, or judge the entry and exit.
- .Built-in alarm light and buzzer, sensitive alarm, safe and reliable
- Support RSSI, antenna detection, online update
- RSSI & speed filters
- The antenna is specially designed to achieve a horizontal narrow beam design for accurate signal coverage with no blind spots.
- Optional LED display to connect to an external computer via HDMI port to display apps

Specifications

HARDWARE, OS AND FIRMWARE MANAGEMENT

Processor	ARM9, 400MHz
Memory	Flash 128MB; DRAM 32 MB
Operating System:	Linux 2.6
Display	13.1" TFT LED Capacitive touch screen, 1920*1080 (optional)
Firmware Upgrade	Demo software
API Support	Windows – .NET, C++ and Java SDK Android - Java Linux – Java SDK

PHYSICAL CHARACTERISTICS

Dimensions	1500 (H) * 385 (W) * 45mm (T)
Weight	One pair, about 20kg
Housing Material	Die-cast aluminum with plastic

RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208)
Output Power:	0dBm-33dBm (± 1 dBm) adjustable
Channel bandwidth:	< 200KHz
Reading Distance	0-4m (Pre-factory setting)
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

CONNECTIVITY

Communications	RJ45
Power supply	DC 24V/2.5A (DC 9V ~ 30V,60W)

ENVIRONMENTAL

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP45

OHTERS

The main door includes	1 gantry 2 narrow-beam antennas 1 set of reader 1 group Infrared Sensor 1 set Infrared Sensor Connection Wires 1 Ethernet port 1 Alarm light 1 Alarm Buzzer
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Vice door includes

- 1 gantry
- 2 narrow-beam antennas
- 1 group Infrared Sensor
- 1 set Infrared Sensor Connection Wires
- 1 Alarm light

Accessories

- 2 trunkings
- 1 network cable
- 1 power cord
- 2 feeders
- 4 expansion screws

Outline Dimensions

