

STA G3 RFID Gate Reader



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



Windows – .NET, C++ and Java SDK

API Support Android - Java

Linux – Java SDK

PHYSICAL CHARACTERISTICS

1500 (H) * 385 (W) * 45mm (T) Dimensions

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 (±1dBm) 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

The main door includes

-20 - +70°C Operating Temp. Storage Temp. -40 - +85°C

Humidity 5-90% non-condensing (+25°C)

Sealing IP45

OHTERS

Accessories

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

1 gantry

2 narrow-beam antennas

Vice door includes 1 group Infrared Sensor

1 set Infrared Sensor Connection Wires

1 Alarm light

2 trunkings

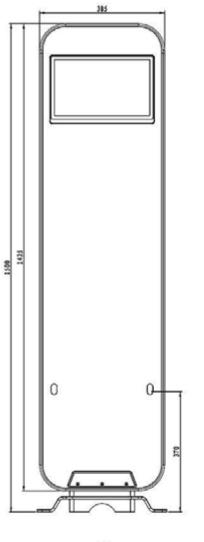
1 network cable 1 power cord

2 feeders

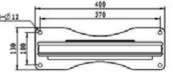
4 expansion screws

Outline Dimensions















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MIDDLE EAST