

HZ100 Long Range Integrated Reader



Features

- With Impinj R2000/E710 chipset, bring excellent reading performance to meet various application scenarios
- Rich communication interfaces (Ethernet, RS232, RS485, Wiegand, etc.)
- Built-in LED lights & buzzer can be set as the tag reading prompt sound
- Support online upgrade
- Support RSSI and tag data filtering
- Support custom data output format

Typical applications

- Logistics industry such as, warehouse management, cargo transfer tracking, etc.
- Intelligent vehicle management e.g. vehicle inspection, customs clearance, etc.
- Anti-forgery identification.
- Production automation, parts flow management, etc.
- E-ticketing and identification of personnel cards, etc.
- Asset access management, etc.

Specifications

Firmware Upgrade Demo software

API Support

Windows – .NET, Java SDK Android - Java SDK, Linux – Java SDK

General Purpose I/O

1 optocoupler input, 2 pair 5V output or wiegand output (wiegand output is shared with 5V output)

Power supply DC 10V~30V

Working power consumption: < 6W (read tags with 30dB output power) Standby: < 2W

Dimensions 276mm×276mm×41mm

Weight 1.6kg(Without accessories)

Housing Material Aluminum +ABS

Air Protocols ISO/IEC18000-6C / EPC C1Gen2

Frequency

CHN: 920MHz~925MHz (CMII)

USA: 902 MHz-928MHz (FCC part 15)

EU: 865MHz~868MHz (ETSI EN 302208)

Built-in antenna RF

Circular 9dBi,

Output Power

VSWR ≤ 1.2:10dBm-30dBm (±1dBm)

Channel bandwidth:

adjustable < 200KHz

Reading Distance Anti-collision Work Mode:

0-15m (According to Tag & Environment)

Support multi-tag inventory Fixed/hop

frequency optional

Communications

RJ45,RS232,RS485,Wiegand26/34/66

Operating Temp.

-20~ +70°C

Storage Temp.

-40~ +85°C

Humidity 5-90% non-condensing (+25°C)

Sealing IP65



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