

S100 Economical Integrated Reader



Features

- Economical integrated reader achieves beyond-expected tag reading performance to meet various application scenarios
- Rich communication interfaces (Ethernet, RS232, RS485, etc.)
- The built-in 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

SDK AND FIRMWARE MANAGEMENT

Firmware Upgrade	Demo software Windows – .NET, Java SDK
API Support	Android - Java SDK Linux – Java SDK

PHYSICAL CHARACTERISTICS

Dimensions	290mm×290mm×55mm
Weight	1.6kg(Without accessories)
Housing Material	Aluminum +ABS

RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6C / EPC C1Gen2 CHN: 920MHz~925MHz (CMII)
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865MHz~868MHz (ETSI EN 302208)
Built-in antenna	Circular 9dBi, VSWR ≤ 1.2:1
RF Output Power	7dBm-30dBm (±1dBm) adjustable
Channel bandwidth:	<200KHz
Reading Distance	0-15m(According to Tag & Environment)
Anti-collision	Support multi-tag inventory
Work Mode:	Fixed/hop frequency optional

CONNECTIVITY

Communications	TCP/IP Version: RJ45,RS232,RS485,Wiegand26/34/66 Serial Version : RS232,RS485,Wiegand26/34/66
General Purpose I/O	1 optcoupler input, 1 pair 5V output or wiegand output (wiegand output is shared with 5V output) DC 10V~30V
Power supply	Working power consumption: < 6W (read tags with 30dB output power) Standby: < 2W

ENVIRONMENTAL

Operating Temp.	-20 ~ +70°C
Storage Temp.	-40 ~ +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP65

Outline Dimensions

