

# S130L 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<br>Windows – .NET, Java SDK |
| API Support      | Android - Java SDK<br>Linux – Java SDK    |

### PHYSICAL CHARACTERISTICS

|                  |                            |
|------------------|----------------------------|
| Dimensions       | 276mm×276mm×41mm           |
| Weight           | 1.6kg(Without accessories) |
| Housing Material | Aluminum +ABS              |

### RFID CHARACTERISTICS

|                    |   |
|--------------------|---|
| Air Protocols      | ISO/IEC18000-6C / EPC C1Gen2<br>CHN: 920MHz~925MHz (CMII)               |
| Frequency          | USA: 902 MHz-928MHz (FCC part 15)<br>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   | 0-12m(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<br>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)<br>DC 10V~30V |
| Power supply        | Working power consumption: < 6W (read tags with 30dB output power)<br>Standby: < 2W                            |

### ENVIRONMENTAL

|                 |             |
|-----------------|-------------|
| Operating Temp. | -20 ~ +70°C |
|-----------------|-------------|

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

## Outline Dimensions

