

# SF530L 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

API Support Windows – .NET, C++ and Java SDK, Android - Java  
Linux platform – C and Linux – Java SDK

### PHYSICAL CHARACTERISTICS

Firmware Upgrade 290mm×290mm×55mm

Weight 1.6kg(Without accessories)

Housing Material Aluminum +ABS

### RFID CHARACTERISTICS

Air Protocols ISO/IEC18000-6C / EPC C1Gen2

Frequency 902-928MHz

865-868MHz

920-925MHz

Built-in antenna Circular 9dBi, VSWR ≤ 1.2:1

RF Output Power 7dBm-30dBm (±1dBm) adjustable

Channel bandwidth <200KHz

Reading Distance 0-10m(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