

Product model: YL8290

Product categories: UHF Long Range/Mid Range Reader/Writer

1. Product Feature

- A、 Stable distances of up to read 15M
- B、 Compatible with 6 C and 6 B agreement(choose one of them)
- C、 1 road trigger input and 1 road relay output
- D、 Integration industrial design, waterproof, prevent bask in, convenient installation
- E、 Provide setups SDK, and can provide C#, VC, VB development routines.
- F、 Support a serial port the firmware update, convenient customization demand special when upgrade firmware update.
- G、 EPC area, reservations, the user area support locking unlock function, can be used for privacy and security requirements of high occasion.
- H、 Support adjacent discriminant function, can prevent with a card in short time (1-255 seconds adjustable) upload repeat inside.
- I、 Supports fast write operation, convenient for reading and writing.

2. Applications

- vehicle intelligent management: the parking lot, highway no parking charge, customs clearance, automatic weighing, etc
- production assembly line intelligent management: line of products of intelligent sorting, etc
- warehouse management: the loading and unloading goods automatic recording, etc
- logistics management: container management, tray management, asset tracking, etc
- personnel management: the school gate in and out management, the factory in and out management

3. Product parameters

Frequency Range: 902~928MHZ

Reading distance: stable read 12-15 M

Size: 450X450X50MM

Working Power: DC12V±0.5V,3A

Support agreement : ISO18000-6C or ISO-18000-6B(choose one of them)

Date interface : Wiegand26\34\42、RS232、RS485

Input/output interface: 1 trigger input and 1 road relay output

Antenna gain: 5 dbi horizontal polarization

Storage temperature : -45°C~+95°C

Working temperature : -20°C~+65°C

Work tips: a buzzer

Weight: 4.5 Kg

4. Instructions

- YL series for reading and writing data through RS232 interface and the computer connection for data exchange. In addition, we will provide the customers with many kinds of language SDK setups, users can do application software development.
- suggest test, please contact with your fingers on either side of the card edge, mean to the reading and writing are the test, to ensure that the reading card effect.
- installation height is in 1.8 M above, reading and writing is a little slopes downward.
- this distance of more than read without any interference for the space distance test, such as the parking lot for use, please with car windscreen
- Film of the medium of different field determination shall prevail.
- requirements to use our offer power adapter



FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.