



**Product name: 125KHz desktop reader**

**Product number: CF-RL120**

**Package size: 13\*9\*3.5cm**

**Gross weight: 96g/123g**

**Product Description:**

CF-RL120 series It's a high performance, lower price 125 KHZ RFID reader, reader distance up to 10cm, widely used for RFID Radio Frequency Identification system and project, such as Automated parking management system, Personal identification, Access controller, Production Access control, etc

**Product model explanation**

| Model    | Output Byte | output format | interface | support            |
|----------|-------------|---------------|-----------|--------------------|
| CF-RL121 | 4           | 8 digit Hex   | USB/RS232 | EM card            |
| CF-RL122 | 5           | 10 digit Hex  | USB/RS232 | EM card            |
| CF-RL123 | 4           | 10 digit Dec  | USB/RS232 | EM card            |
| CF-RL124 | 4           | 18 digit Dec  | USB/RS232 | EM card            |
| CF-RL125 | 5           | 5 digit Dec   | USB/RS232 | HID Proximity card |

**Capability specifications**

|                     |  |
|---------------------|--|
| Name                | 125KHz ID Reader                           |
| Dimension           | 104x68x10mm                                |
| Reader colour       | Black                                      |
| Support             | Uem4100,TK4100.SMC4001 and compatible card |
| Frequency           | 125KHz                                     |
| Reader time         | <0.5s                                      |
| Baud Rate           | 9600                                       |
| Power Supply        | +5V DC                                     |
| Consumed Current    | 70mA                                       |
| Operating Distance  | 0~120mm                                    |
| Interface           | USB, or RS232                              |
| Status Indication   | 1pcs LED;1pcd buzzer                       |
| Service Temperature | -10°C ~ +70°C                              |

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|                   |               |
|-------------------|---------------|
| Store Temperature | -20°C ~ +80°C |
|-------------------|---------------|

**Instructions for use:**

1. reader connect the computer with USB cable
2. Open Notepad or a word document
3. The mouse in Notepad or WORD document clicking
4. put card on the top of reader.
5. Notepad or word documents will output of the ID card number
6. When Reading one card, the reader is prompted to voice, LED lights with red into the green.