



RDM6300 125KHz cardreader mini-module is designed for reading code from 125KHz card compatible read-only tags and read/write card . It can be applied in office/home security, personal identification, access control, anti-forgery, interactive toy and production control systems etc.

#### **FEATURES :**

- Support external antenna
- Maximum effective distance up to 50mm
- Less than 100ms decoding time
- Uart TTL interface
- Support EM4100 compatible read only or read/write tags (125K)
- Built-in external bi-color LED and buzzer driver
- Small outline design

**Note:** Module will notify whenever 125khz tag approaches, tag serial number will be send via IO pin and save UART port for MCU. Either interupt or polling mode is OK to read the ID.

#### **Key Specification:**

- Frequency 125KHz
- Baud Rate 9600 (TTL Electricity Level RS232 format)
- interface Weigang26 Or TTL Electricity Level RS232 format
- Power supply DC 5V ( $\pm 5\%$ )
- Current <50Ma
- Operating range >50mm(Depend on Card/Tag shape, manufacturer)
- Working temperature  $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Size 38.5mm  $\times$  19mm  $\times$  9mm