


**Fissaid® F6005 Anti-Copy EM card reader**

**Description:**

Fissaid F6005 Anti-Copy EM card reader was designed to read 125KHz lower frequency EM4100( or compatible)read only RFID card UID. It will automatically distinguish and reject any card made with writable chip (such as T5577,EM4305 or others). With this Anti-Copy funtion, will make your access control system more secure from copy card.

**Model Name:** F6005

**Product Picture and Wiring**



**Wiring :**

- Red: Power 5-16V
- Black: Power ground
- Green: Wiegand output D0
- White: Wiegand output D1
- Brown: Green LED control
- Blue: Buzzer control

**Specification:**

|                         |   |
|-------------------------|---|
| Dimension               | 80*43*13mm  |
| Power requirement       | 5-16VDC at 100mA, A linear regulator is recommended |
| Support card            | EM4100 read only cards and fobtags.                 |
| Interface               | Wiegand 26 (Wiegand 34 is available on requirement) |
| Read range              | 5 - 10 cm   |
| Frequency               | 122-128KHz  |
| Operating temperature   | -30°C to +60°C                                      |
| Operating humidity      | 5%-95% (non-condensing)                             |
| Audio/Visual Indication | Green & Red and Buzzer signal output                |
| Response Time           | Less than 0.2 seconds                               |
| Cable length            | 250mm   |
| Weight                  | 60gram  |

**LED/Buzzer function description**

**LED function:** The LED color is normally in RED. It starts with green/red flashes and will keep in RED. When the cards close to the reader, LED will flash green momentarily,this indicates cards were read properly . When LED control signal is activated by access controller host, LED will changes to green till it is released to high again

**Beeper Function:** When Power up the reader, Beeper will ring 2 times. When EM card close to the reader, a short beep will be emitted. This indicates that card was read properly.

**Buzzer control line**  
when this control line is activated to lower by access controller host or connect to Ground line, buzzer will kepp ringing untill the line is released.

**Green LED control line**  
when it is activated by access controller host or connect to ground line, Green LED will keep lighting untill the line is released.

**Anti-Copy Funtion:** when any card made with writable chip(T5577,EM4305 etc) is closed to reader, reader will not read