

FissaiD® 125KHz Combination RFID Wiegand Reader

Description:

FissaiD 125KHz lower frequency RFID combination reader include 3 different RFID technology in one unit. The card reader may [read EM card / HID card / AWID card together](#). Named as HM6105 series or HM8105 series. They are with same function and wiring but in different plastic case.

Model List:

Model name	picture	Support card
HM6105	 <p>size: 80*43*13mm weight:60 gram</p>	<p>EM4100 card</p> <p>All HID 125KHz proximity card upto 80 bits</p> <p>AWID 125KHz proximity card 26/34 bit</p>
HM8105	 <p>size:80 x 43 x 17mm weight:100 gram Customise logo is available</p>	<p>EM4100 card</p> <p>All HID 125KHz proximity card</p> <p>AWID 125KHz proximity card 26/34 bit</p>

Wiring inforamtion:

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

Wide range power input	5-16VDC at 100mA, A linear regulator is recommended
Interface	EM series is Wiegand 26 or Wiegand 34based on requirement
Read range	HID and AWID will automatically distinguish card type and send same wiegand
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 LED and Buzzer signal output
Response Time	Less than 0.2 seconds
Cable length	250mm

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 the 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.