



SYNOtag™ | Passive

SM9916XX 125 KHz RFID Wall Mount Reader

Passive EM format read only for use with EM 4102 and GK 4001 RFID tags. Read distance of 9-15 cm (depends on tag).

Features

- Reads Goldkey GK4001 (Read Only) and H4100, H4102 GK 4011 (Read/Write) tags
- Reading Speed: less than 70mS
- Time selection by DIP switch for automatic door close of 1, 5, 10, or 30 seconds
- Indicators: LED and buzzer
- Power supply: external 12V DC
- Operating temperature: 0 to 55 degrees Celsius
- Storage temperature: -25 to 65 degrees Celsius
- Humidity: 5-95% RH
- Dimensions: 104.62 x 65.80 mm (not including connection pin)
- RS 232 Interface, 9600 baud, n, 8, 1 & Wiegand 26 Interface

Reader Overview

125 KHz reader with internal RF circuits on PCB, an 8-bit microcontroller and data output connections. Antenna sends demodulated data to microcontroller, checks the input data code and processes the output data format. An 18 pin microcontroller converts inputs to Manchester code and processes output data format.

Part Numbers

- **SM-9916AE:** Wall mount EM CSN reader (RS232/W26)
- **SM-9916ST:** Wall mount standalone EM reader



Product Warranty: SYNOMETRIX offers a standard 1 year repair or replace warranty from date of shipping on all products found to have a defect that results from manufacturing.

Visit us at www.synometrix.com or email us at info@synometrix.com

SYNOtag™ | RFID

For further information please contact:
John Hannon, Managing Director
SYNOMETRIX | Asia Pacific Taipei, Taiwan
IDD: +886 2 2758 1279