



## **SYNOtag™ | UHF**

### **SM-8801 Medium ~ Long Range UHF Reader Writer**

ISO 18000-6B or ISO 18000-6C EPC Gen 2 reader writer. 8~15 meter read distance 4~7 meter write distance (varies by tag and environment). FCC compliant.

#### **Available Product Configurations**

- ▶ SM-8801A: ISO18000-6B Protocol
- ▶ SM-8801B: ISO18000-6B/ISO18000-6C EPC-Gen 2 Protocol

#### **Available Frequencies**

- ▶ ISM 902MHz~928MHz or 920MHz~925MHz
- ▶ Customized: 860MHz~960MHz

#### **Read Write Performance**

- ▶ Read Distance: 8~15 Meters (depends on tag and environment)
- ▶ Read Speed: < 10 ms per 64 bits (single card)
- ▶ Successful Read: Buzzer
- ▶ Write Distance: 4~7 Meters (depends on tag and environment)
- ▶ Write Speed: < 30 ms per 8 bits (single card)

#### **General Specifications**

- ▶ Mode: FHSS or fixed frequency set by software
- ▶ Transmission Power: 20dBm~30 dBm (software adjustable)
- ▶ Interface: RS232/RS485/Wiegand 26&34/TCP/IP Optional
- ▶ Trigger Port: Yes
- ▶ Power Supply: DC +9V 4A
- ▶ Power Consumption: 6W
- ▶ Net Weight: 3.7 Kg
- ▶ Dimensions: 450mm x 450mm x 60mm
- ▶ Operating Temperature: -30 to 70C



**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.

## **SM-8801 UHF Reader Writer**

Visit us at [www.synometrix.com](http://www.synometrix.com) or email us at [info@synometrix.com](mailto:info@synometrix.com)

# **SYNOtag™ | RFID**

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