



SYNOtag™ | UHF

SM-2701 Short Range UHF Reader Writer

ISO18000-6B or ISO18000-6C EPC G2 reader writer. 3~5 meter read distance 2~3 meter write distance (varies by tag and environment).

Available Product Configurations

- ▶ SM-2701A: ISO18000-6B Protocol
- ▶ SM-2701B: ISO18000-6B/ISO18000-6C EPC-Gen 2 Protocol
- ▶ SM-2701E: ISO18000-6B/ISO18000-6C EPC-Gen 2 Protocol with TCP/IP Port

Available Frequencies

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

Read Write Performance

- ▶ Read Distance: 3~5 Meters (depends on tag and environment)
- ▶ Read Speed: < 10 ms per 64 bits (single card)
- ▶ Successful Read: Buzzer
- ▶ Write Distance: 2~3 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: 1.04 Kg
- ▶ Dimensions: 215mm x 215mm x 75mm
- ▶ 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.

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

SYNOtag™ | RFID

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