PROMAG™

RWM600A
Smart Label Read/Write Module

Introduction:

RWM600A is an ISO15693 read/write module, which works with smart labels, the read/write module has a read/write feature, depends on the size of antenna, the optimum read distance can be up to 200mm.

RWM600A read transponders with an operating frequency of 13.56Mhz (e.g. I-CODE SLI, Tag-It® HF-I …etc.), and it is a small size module with DIP28 pin package.

RWM600A is a best choice for system integrator to install into other devices, such as printers, terminals and handheld devices.

Features:

- Compact size to be integrated
- ISO/IEC 15693 compatible
- Small Reader module (DIP28)
- Support all ISO/IEC 15693 compliant smart labels (Tag-It® HF-I, I-CODE SLI, LRI512, my-d vicinity…etc)
- Operate time <24ms per one label
- Reading distance up to 200mm (0.2W) with an ideal design antenna conditions
- 10 Programmable I/O, IRQ, D/O for OEM
- In-System Programmable firmware for OEM

Applications:

- EPC (Electronic Product Code) supply Chain
- EPC for retail system
- Logistics system
- Express Parcel Management
- Product Authentication
- Access control / Time recorder
- Ticketing
- Smart label printer and encoder

Specifications:

Power Requirements	5 VDC Stand by: 70mA, Transmit:<80mA ※ A linear regulator is recommended
Interface	RS232, UART, TTL: 19200,n,8,1 RS485
Card type	Tag-It ®HF-I, I-CODE SLI, LRI512, my-d vicinity…etc
Maximum reading distance	Up to 200 mm with an ideal antenna conditions (0.2 Watt output)
Frequency	13.56 MHz standard
RF Modulation/Subcarrier	100% FM
RF Protocol	ISO/IEC15693
Operate time	<24ms per one label
Dimensions	39 (L) x 21 (W) x 11.6(D) mm
Environment	Operating temperature -10 ~ +60°C Operating relative humidity 10~90%

Ordering information:

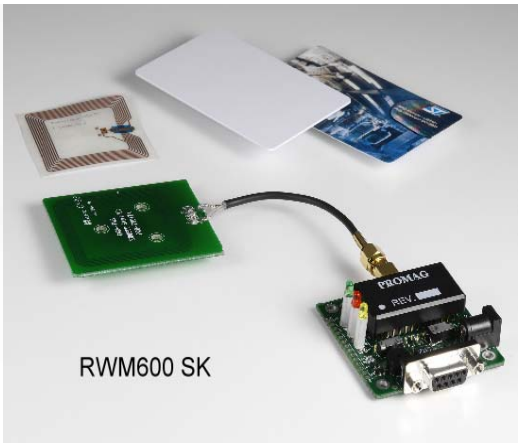
RWM600A: RWM600A Reader module

RWM600ASK: Smart Development Kit included RWM600A + RS232 cable + SDK CD + Tag-It HF-I x 3 pcs

※ Specification is subject to change without notice.



RWM600 Reader Module



RWM600 SK

We welcome OEM inquiries

- **Custom design manufacturing is available**
- **Custom device programming is available**
- **Call factory for other configuration**

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About LOGISCENTER

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Label printers



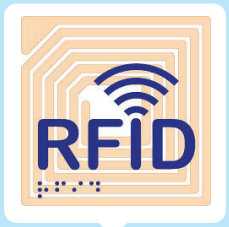
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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