RWM600
ISO/IEC 15693 Reader Module

PROMAG™

Introduction:

RWM600 is an ISO15693 reader module which works with smart labels, the reader module has a read/write feature, depend on the size of antenna, the optimum read distance can be up to 200mm.

RWM600 read transponders with an operating frequency of 13.56Mhz (e.g. I-CODE SLI/SL2, Tag-It HF-I …etc.), and it is a small size module with DIP28 pin package.

RWM600 is a best choice for system integrator to install into other devices, such as printers, terminals and handheld devices.

Features:

- ISO/IEC 15693 compatible
- Small Reader module (DIP28)
- Support all ISO/IEC 15693 compliant smart labels (Tag-It HF-I, I-CODE, SL1/SL2, LRI512, my-d vicinity…etc)
- Max 32 UID stocks for Anti-Collision (Default 32)
- 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 Stanby:70mA, Transmit:<80mA ※ A linear regulator is recommended
Interface	RS232, UART, TTL:19200,n,8,1
Card type	Tag-It HF-I, I-CODE, SL1/SL2, 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 (1 out of 4)
Operate time	<24ms per one label
Dimensions	39 (L) x 21 (W) x 11.6(D) mm
Environment	Operating temperature -10 ~ +60°C -10 Operating relative humidity 10~90%

Order information:

RWM600: RWM600 Reader module

RWM600SK: Smart Development Kit included RWM600 + RS232 cable + SDK CD + Tag-It HF-I x 3 pcs

※ Specification is subject to change without notice.

RWM600 Reader Module

RWM600 SK