

### 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<br>Standby:70mA, Transmit:<80mA<br>※ 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<br>Operating relative humidity 10~90%      |

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### 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

We welcome OEM inquiries

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



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