Accurate performance, powerful range, compact size and winning features

The UR110 brings the concept of " Your Reader" which is a stylish, reliable proximity RFID reader with piano finish housing which really shows seamless integration to an intelligent building. For those high end projects, UR110 fulfils its requirement in both excellent performance and flexible appearance, such as changeable housing with customized logo, LED colors or even the buzzer sound which are all configurable to meet wide range of applications in Access control area. With waterproof design, it also serves as a great outdoor reader in all environment. UR110 has voltage range from 7.5 to 12 VDC, perfect for Access Control applications and it can be configured to output most of the common interface formats, including Wiegand, Magstripe (Clock/Data), RS-232 or RS485 available on request.

Quick Fitting and Wiring

Customisations

Stylish ID Design Suitability

Features:

- 6 available colors for LED indication to distinguish read mode and standby mode
- 3 in 1 interfaces output able to be preprogrammed according to ABA TK2, RS232(UART) or Wiegand characteristic
- Easy to install which cuts of cabling installation work
- Quality piano finish look matching high end image demand to intelligent buildings

Wiegand output
RS232 output
Magstripe output
RS485 output

Specifications:

Power Requirements	7.5~12 Volts regulated DC at 75 mA, typical with a 12V supply. A linear regulator is recommended.
Interface	Wiegand 26bits (default), Magstripe , 9.6K Baud Serial ASCII (RS232) Or RS485. (Wiegand & RS232 interface baud rates are configurable)
Typical Maximum Read	Up to 9 cm
Frequency	125KHz standard, ASK
Transponder	Read only (For Unique Serial Number / Unique Identifier) Chip type: EM H4001 / H4002 compatible ID code: 10 digits in Hex ; 125KHz, ASK ; 64 bits , Manchester coding
Audio / Visual Indication	Internal LED and Buzzer
Additional	Controls 2 Digital input and 2 Digital output
Dimensions	UR110 10 x 3.2 x 1.6 cm UR115 8 x 3.2 x 1.6 cm
Operating Temperature	-10 to 60 Deg C

＊Specification is subject to change without notice.

Application examples:

- Access controls
- Smart home appliance
- Through-wall reading application
- Personal identification
- Hands free application

Company profile:

Giga-Tms was established in Taiwan in 1987 as a magnetic technology products manufacturer. Ten years later, as soon as the company's CEO noticed the new RFID technique, he immediately foresaw its potential and engaged the R&D group in RFID. Now with its 21 years experience, Giga-Tms owns not only proven RFID techniques of superior standard but also makes reliable products for long life.
Giga-Tms always takes into account providing flexible and customized services to every customer.
Although based in Taiwan, Giga-Tms exports 90 percent of the annual production mostly to worldwide market.
Now in its 21 year, Giga-Tms is looking to strength its image through increased advertising, while remaining faithful to its principles: prioritize the customer.

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