Dual-Frequency Multi-Protocol Reader

The MP600 is a dual-frequency, multi-protocol configurable reader designed for seamless integration with a wide range of controllers and Auto-ID devices across diverse applications. It supports 125KHz EM as well as 13.56MHz ISO 14443A, ISO 14443B, and ISO 15693 standards, ensuring broad compatibility with the most commonly used RFID cards on the market.

Engineered for simplicity and efficiency, the MP600 reduces inventory complexity by offering a unified solution. It helps streamline operations, strengthen brand consistency, and minimize dependence on multiple device vendors.

Specifications:

Frequency	125KHz & 13.56MHz
Power Requirements	5 ~ 48VDC
Current Requirements	170 mA @5VDC
Output Interface	Wiegand, RS232, RS485, USB
Card Types	125KHz EM & 13.56MHz ISO 14443A/B, ISO 15693
Audio Indication	Internal LED and Buzzer
Dimension	104 x 45 x 15.2 mm
Operation Temperature	-10 to 60 Deg C

＊Specification is subject to change without notice.

Pin Assignment:

Color	Pin	Function
Red	VCC	5~48V
Black	GND	Power ground
Blue	Clock	Wiegand: Data 1
Brown	Data	Wiegand: Data 0
L-blue	I/O	1-wire or digital in/out
Yellow	RX	RS232 RXD (to Host TXD)
White	TX	RS232 TXD (to Host RXD)
Purple	Boot	Reboot or External I/O
Green	RS485+	485+
Grey	RS485-	485-

Features:

- Enhances anti-collision algorithm for multi-card handling
- Supports output interface: Wiegand, RS232, RS485, USB (1-Wire is available on request)
- Supports baud rate: 19200 bps (2400 bps to 115200 bps is available on request)
- Supports NFC 1~4 tag
- Supports card types: 125KHz EM & 13.56MHz ISO 14443A/B, ISO 15693
- Low power consumption

Applications:

- Access Control & Time Attendance
- Vehicle Tracking
- Logistics
- Data Collection
- System Login Verification

＊Single frequency is available on request.

Order information:

- MP610   USB interface
- MP620   Wiegand, RS232
- MP625   Wiegand, RS485