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Tel: +44 (0) 1727 812222
Fax: +44 (0) 1727 811920

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Kestronics Ltd.
Unit 26 North Orbital Commercial Park
Napsbury Lane
St Albans
AL1 1XB
United Kingdom

MFR120

Mini Portable Mifare/Felica UID Reader/ Data Collection Terminal

Introduction:

MFR120 is a Mini portable battery-powered **Mifare/Felica** UID reader with LCD and built-in real time clock for data collection applications.

MFR120 is designed for **Mifare/Felica** card data collection anytime and anywhere without computer connectivity.

How does MFR120 work?

The data is read from **MFR120 Mifare/Felica UID** reader and shown on the display and kept into the memory with time stamp and downloaded to the computer.

Features:

- **512K bytes memory**
- **Built-in Real Time Clock (RTC) and back-up capacitor**
- **Battery-powered portable, small footprint**
- Physical reader can read 13.56MHz **Mifare/Felica** cards
- LCD display (101 x 67 dots)
- Auto off for power saving
- Low battery indicator
- Memory full indicator

Applications:

- Employee's Time/Attendance data collection
- Exhibition visitors' data collection
- Conference attendants data collection
- Guard tour monitoring system
- Student attendance data collection

Specifications:

| Model | MFR120 | MFR120U |
|-------------------------|--|---------|
| Specification | | |
| RFID card | 13.56 MHz Mifare standard: 1K, 4K, Ultralight, DESfire | |
| | 13.56MHz Felica standard | |
| LCD Status indicator | Green/Red indicator LED Operation status & Battery status | |
| LCD Display | FSTN 101 x 67 dots | |
| Memory size | 512K bytes Up to 8192 records (32 Bytes/Record) | |
| Battery power | Single-cell Size AAA 1.5V DC Battery | |
| Power supply from cable | DC5V, 200mA RS232 or USB interface | |
| Interface | RS232, 19200, N, 8, 1, half-duplex | USB |
| Safety Certificate | FCC/CE | |
| Dimension | L58 X W20 X H47 mm | |
| Environment | Operation temp: 0 ~ 55 degree C Humidity: 10 ~ 90% relative | |

Ordering information:

- **MFR120** – RS232 interface downloading
- **MFR120U** – USB interface downloading

※Specification is subject to change without notice.



Exhibitions Data Collection



Construction Site Time Attendance



**Compact,
on a palm size**

**Dimension at:
L58xH47xW20mm only**

