

# 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
<b>Specification</b>		
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

We welcome OEM inquiries

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



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## MFR120

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