

Mini Portable Magnetic Stripe Readers with LCD/
Data Verification & Collection Terminals

Introduction:

MSR120 is a Mini portable battery-powered magnetic stripe reader with LCD and built-in real time clock for Data verification and data collection applications.

MSR120 is designed for card swiping data collection anytime and anywhere without computer connectivity.

How does MSR120 work?

The data is read from MSR120 card 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
- Magnetic stripe reader can read all 3 tracks
- 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
- Any movable data collection
- Card verification
- Student attendance data collection

Specifications:

Model	MSR120	MSR120U
Specification		
Magnetic Stripe card	ISO 7811 standard format, 3 tracks swiping speed: vary from 3-50 IPS	
LCD Status indicator	Green/Red indicator LED Operation status & Battery status	
LCD Display	FSTN 101 x 67	
Memory size	512K bytes Up to 2048 records for MSR all 3 tracks data	
Battery power	Single-cell Size AAA 1.5V DC Battery	
Power supply from cable	DC5V, 200mA RS232 or USB interface	
Interface	RS232, 9600, 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:

MSR120 – RS232 interface downloading

MSR120U – USB interface downloading

※Specification is subject to change without notice.



Portable Battery-Powered Mini Magnetic Stripe Reader With LCD

We welcome OEM inquiries

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



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