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Tel: +44 (0) 1727 812222  
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Kestronics Ltd.  
Unit 26 North Orbital Commercial Park  
Napsbury Lane  
St Albans  
AL1 1XB  
United Kingdom

# MSR120

## 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
<b>Specification</b>		
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.

