MSR120 Reader

Features:

- Low Power Consumption

- USB Interface

- Bi-Directional Read Capability

- Reading Low or High Coercive Force of Magnetic Stripe (300~4000 Oe)

- Conforms to ISO 7810, 7811, JIS and AAMVA (Driver Licenses) Standards

- Single, Dual, and Triple Track Versions Available

- Compact and Lightweight Enclosure

- Can be Mounted on a Keyboard or a Flat Surface

- Provides Feedback by LED and Buzzer

- CE/FCC Class A, UL, cUL certified

The Right Tool

Unitech's USB magnetic card readers provide a simple and reliable magnetic stripe reading solution for a wide variety of applications. Our intelligent readers are the right tool for such uses as point of sale, access control, and self-service applications. Known for their reliability, they are easy to install and use.

Versatile

The MSR120 is avaliable in single, dual, and triple track configurations for reading ISO cards and driver's licenses. Readers can be attached to most computer keyboards or to any flat surface.

Simple to Use

Cards can be swiped and read in both directions. An LED provides feedback to the user indicating ready to read or read error.

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Data Collection Within Reach

MSR120 Specifications

Electrical

Operating voltage:	+5VDC +/- 10%
Operating Current:	110mA Max.
Power Supply:	From USB Port
Communication:	USB 1.1

Mechanical

Body Material:	ABS 94V-0
Length:	4" (100 mm)
Width:	1.35" (34 mm)
Height:	1.1" (28 mm)
Weight:	210 grams
Swipe:	Manual, bi-directional

Environmental

Operation:	-10° to 50° C, 10 to 85% humidity
Rating:	FCC ClassA, CE classA, UL, cUL

Performance

Coercive force:	Read: 300-4000 Oe Mag. card		
Card thickness:	0.78-1.2mm		
Read speed:	STD card 5~55ips	Jitter +/- 15% 5~50ips	Amp. 60% 5~50ips
Error rate:	Read: < 0.5%		
Head life:	Min. 300K swipes for read head (500K & 1000K optional)		

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