



MultiQ Integrated Swipe Card Reader – MSR

The swipe card reader (MSR - Magnetic Swipe card Reader) for MultiQs product platform is fully integrated in the monitor, both regarding function and design. The technology behind is made by MagTek, leading supplier of quality swipe readers for easy, effective and secure transactions.

There are three different communication interface available, the **RS-232 (Serial)** interface, **USB (HID)** interface and **USB (keyboard emulation)** interface.

The **RS-232 (Serial)** interface is ideal for exiting traditional card reader applications. Software interface required to view card data.

USB (HID) interface is ideal for new card reading applications. It uses standard windows HID driver for communications (no third party device drivers required). Application software is required to display data.

The swipe card reader has a compact design highly integrated in the monitor and reads three tracks of data. It is compatible

with most computers and terminals, reads encoded cards that meet ISO/ANSI/AAMVA standards and has a bidirectional read capability. Further the swipe card reader has a high performance decoding – reads worn cards, low power requirements and has many programmable configuration options.

Specifications

Card data formats	ISO/ANSI/AAMVA
Read tracks	1, 2 and 3
Message format	ASCII
Card speed	3-60 in/s (7.6 to 152.4 cm/s)
AGC	Reads cards from 30-200% of ISO 7811 amplitude standard
Operating temperature	0-55°C
Operating humidity	10-90% (non condensing)
Regulation	Compliant with CE and FCC
RS-232 interface	EIT/TIA-232 (9600 bps, 8-bit, no parity)
USB interface	USB specification Rev 1.1 USB HID Class specification Vers 1.1