



MS242

Magnetic Stripe Reader



Delivering a reliable and compact magnetic stripe reading solution, MS242 reads up to 3 tracks of information when the card is swiped in either direction. The MS242 is the perfect MSR tool for applications such as point of sale, access control, banking, student ID and self-service applications.

Reliable and Compact Design

Enclosed in sturdy sheet-steel housings, MS242 is built with highest quality components for an extra smooth swipe. It delivers the most convenience to the user and the reading head lasts longer than 1 million cycles and ensures the data is captured on every swipe. The entire unit is just 100mm long, about the length of a credit card. It supports three tracks of magnetic stripe card data regardless of swiping direction and over a large speed range.

Smart Flexibility

The MS242 is available to be connected to any PC or Mac via USB interface and it is programmable so that the data format and output can be configured to match application and communication requirements.

Embedded 2 mounting holes with brass threaded inserts Velcro strips in its base, it is allowed to be mounted onto a counter or another flat surface. Moreover, an LED indicator turns red to alert the user of a decoding error. The Unitech MS242 is an intelligent, programmable magnetic stripe reader that provides a full functionality and value in a convenient package size.

Features

- Bi-directional card swiping
- Support single, dual or triple track cards
- With data editing function
- Compatible with all popular computers
- Easily desktop or wall mounted
- Compact space-saving design

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Optical & Performance

Magnetic Stripe Formats	ISO 7811, AAMVA
Support cards	Support single, dual or triple track cards
Swipe Speed	5 to 55 inches per second, bi-directional

Enclosure

Card Width	.015 to .045 inches
Slot Width	.050 inches
Dimension	100mm (L) x 35mm (W) x 30mm (H)
Weight	120g
Color	Black
Cable Length	6-foot straight cable
Mounting	2 mounting holes with brass threaded inserts Velcro strips

Environmental

Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-40 °C to 70 °C (-40°F to 158 °F)
Relative Humidity	10% to 90% non-condensing
ESD	4kV contact and 8kV air discharge

Power Source

Electronics MTBF	260,000 POH based on Bellcore standard *MTBF: mean time between failures
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Reliability

Magnetic Head Life	1,000,000 passes minimum
Rail and Cover Life	1,000,000 passes minimum

Communication

USB

Indicators

LED, beeper



Unitech America

Los Angeles, Houston
<http://us.ute.com> e-mail: info@us.ute.com
<http://can.ute.com> info: info@can.ute.com
 Mexico
<http://latin.ute.com> e-mail: info@latin.ute.com

Unitech Asia Pacific & Middle East

Taipei
<http://apac.ute.com> info: info@apac.ute.com / info@india.ute.com
<http://mideast.ute.com> info: info@mideast.ute.com

Unitech Japan

Tokyo
<http://jp.ute.com> e-mail: info@jp.ute.com

Unitech Europe

Tilburg / Netherlands
<http://eu.ute.com> e-mail: info@eu.ute.com

Unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen
<http://cn.ute.com> info: info@cn.ute.com
 Taipei <http://tw.ute.com> info: info@tw.ute.com

Headquarters

Taipei, Taiwan
<http://www.ute.com> e-mail: info@hq.ute.com



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