

MAGNETIC STRIPE READER

MagScan

Benefits:

- **MagScan combines magnetic stripe and bar code reading in a single unit. MagScan is far more compact and attractive than other systems which rely on a magnetic head cabled to a decoder.**
- **MagScan can be upgraded from one terminal to another. Most upgrades merely require changing the cable and reprogramming the MagScan via easy-to-use bar code menus.**
- **By interfacing to the user's point-of-sale system, MagScan allows magnetically-encoded and bar code data to be captured automatically with minimal changes to existing hardware or software.**



Advanced Dual Track Reading Head. MagScan's ceramic reading head is rated to over 1,000,000 passes.

Extremely Compact — Thanks to its miniaturized reading head and multi-layer surface mount integrated decoder, MagScan is compact enough to mount on a keyboard or rest on a counter top where space is at a premium.

Multi-Terminal Wedge — MagScan connects as a wedge to over 150 terminals and PC's.

RS232 Output — MagScan has an on-board RS232 output port. With an optional adapter it can connect as a dual port RS232 device.

Supports a Bar Code Scanner — A bar code wand, badge reader, hand-held scanners, (with wand emulation output) can be connected to the MagScan.

User Programmable — All key parameters are established by the user via easy-to-use bar code menus.

MagScan

General

A magnetic strip reader
Can handle 1, 2, and 3 track data formats

Physical Characteristics

Length: 126 mm (5.0")
Width: 49 mm (1.9")
Height: 36 mm (1.4")

Electrical Requirements

Power Requirements:
+5 VDC \pm 5%

User Environment

Operator Interface: Dual color LED on front panel for power on and good read

Beeper with variable volume

Operating Temperature:
0° to 50° C (32° to 122° F)

Storage Temperature:
-15° to 70° C (4° to 160° F)

Relative Humidity:
5% to 95% (non-condensing)

Magnetic Reading Capability

Scanning Method: Manual sliding in both directions

Card Standard: ISO, thickness from .25 to .80mm (.01 to .03 in)

Card Reading Speed: 10 to 150 cm/sec (4 to 60 in/sec)

Encoding Method: Two-frequency coherent phase (F2F)

Data Formats:

Track 1 - 210 bpi (79 alphanumeric characters)

Track 2 - 75 bpi (40 numeric characters)

Track 3 - 210 bpi (107 numeric characters)

Life: Over 1,000,000 passes

Bar Code Reading Capability

Input Devices: Bar code reading wand, ScanPlus CCD scanner, decoded laser diode scanner, RS-232 device

Bar Code Formats: Code 39, UPC/EAN, 2 of 5, 128, codabar, Ames, MSI, Plessey, 11, 93 (others available)

Interface Capability: Keyboard wedge interfaces to over 150 terminals and PCs, Single or Dual RS232 (with optional attachment), Undecoded output

Advanced Software Features: Port identification, intercharacter/intermesssage delay, variable volume beeper, user selectable end of message character, and many others

Versions

Version 1: Wedge or RS232 output. Reads track 1, track 2, or tracks 1 and 2.

Version 2: Wedge or RS232 output. Reads track 3 or tracks 2 and 3.

Regulatory Approvals

Europe: CE class B

US: FCC part 15 class B

Canada: ICES-NMB-003 class B

IEC/CISPR 22 class B

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