VERSAMAG™

Intelligent Swipe Reader

For Magnetic Stripes with Optional Bar Code Capability

Reads magnetic stripes.

The VersaMag reads and decodes up to three tracks of information with a single swipe in either direction. Keyboard and RS-232 interfaces are available. An adjustable beeper and multi-color LED indicator signal a successful read.

Edits and formats data.

The VersaMag can be programmed to divide, rearrange, edit, and validate fields of scanned data. In addition, it allows for up to 16 preamble or postamble characters. Windows-based configuration software is included for easy, on-screen programming of "magnetics-only" models with serial interface.

Supports bar code scanning.

By attaching an undecoded laser, CCD, wand, or slot scanner to a VersaMag with the optional bar code capability, the same unit can decode scanned bar code data, as well as read and decode magnetic stripe media.

Performs quickly and reliably.

With its combination of magnetic stripe and bar code decoding capabilities, the VersaMag is especially suited for the high-performance demands of point-of-sale environments. Its stainless steel wearplate and spring-loaded magnetic head insure optimum contact and exceptional dependability. State-of-the-art magnetic "read" electronics and ID TECH's signature "on the fly" bar code decoding technology deliver unparalleled value.

IDTECH™

Value through Innovation

WCR 3301/21/31 VersaMag Intelligent Swipe Reader Specifications

Electrical

Keyboard:	Low-power CMOS power supplied by the host computer.
RS-232:	5VDC/70mA* (power adapter regulated 5VDC/350mA or equivalent).

Environmental

Operating Temperature:	32°F to 131°F (0°C to 55°C).
Storage Temperature:	-22°F to 158° F (-30°C to 70°C), non-condensing.
Humidity:	Maximum 95% non-condensing.

Reliability

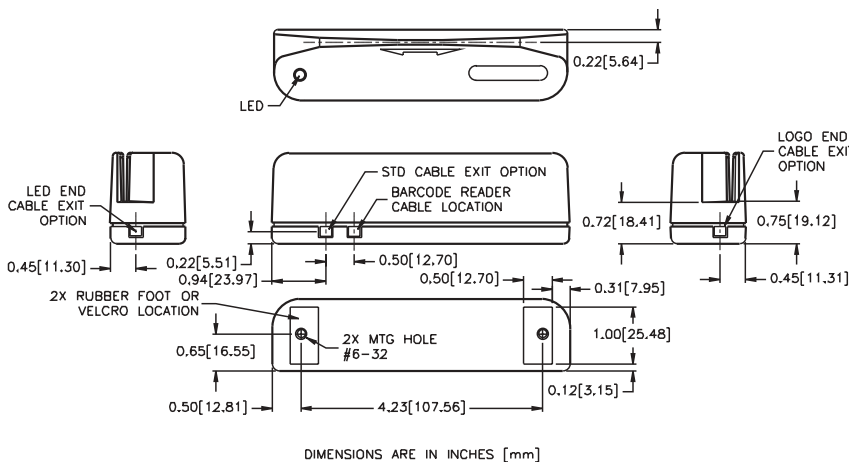|	
Electronics MTBF:	Read electronics, magnetic: 125,000 POH.
	Interface electronics, Keyboard/RS-232: 125,000 POH.
Magnetic Head Life:	1,000,000 passes minimum.
Rail and Cover Life:	1,000,000 passes minimum.
Magnetic Read Rate:	Less than one error in 100,000 bits on cards conforming to ISO7811-5 (not induced by operator error).
Warranty:	One year, parts and labor.

Mechanical

Magnetic Stripe Formats:	ISO 7811, AAMVA, and CA DMV.
Swipe Speed:	3 to 50 inches per second, bi-directional.
Media Thickness:	.01 to .055 inches.
Slot Width:	Maximum card thickness: .055 inches (1.37 mm).
Interfaces:	Keyboard wedge (AT/XT, PS/2, Mac), RS-232.
Dimensions:	Length: 5.22 inches (133 mm). Width: 1.25 inches (32 mm). Height: 1.6 inches (41 mm).
Weight:	Approximately 8 oz. (with cabling).
Cable Length:	Keyboard: 1 foot (reader to keyboard).
	5 feet (reader to PC).
	RS-232: 5 feet.
Connector:	Keyboard: 5-pin DIN connector (AT/XT).**
	6-pin mini-DIN connector (PS/2).**
	ADB adapter cable required (Mac).
	RS-232: 9-pin D-sub female.
Mounting Options:	Rubber feet (stand-alone operation).
	Velcro pads (keyboard mounting).
	Two mounting holes (permanent mounting).
VersaMag Unit Footprint:	

CE

*Excludes optional bar code devices.
**All units come with adapter for AT/XT or PS/2.

LED

0.22[5.64]

LED END
CABLE EXIT
OPTION

STD CABLE EXIT OPTION
BARCODE READER
CABLE LOCATION

LOGO END
CABLE EXIT
OPTION

0.72[18.41]   0.75[19.12]

0.45[11.30]   0.22[5.51]   0.50[12.70]   0.45[11.31]
0.94[23.97]   0.50[12.70]
2X RUBBER FOOT OR
VELCRO LOCATION   0.31[7.95]
0.65[16.55]   2X MTG HOLE
#6-32   1.00[25.48]
0.50[12.81]   4.23[107.56]   0.12[3.15]

DIMENSIONS ARE IN INCHES [mm]

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