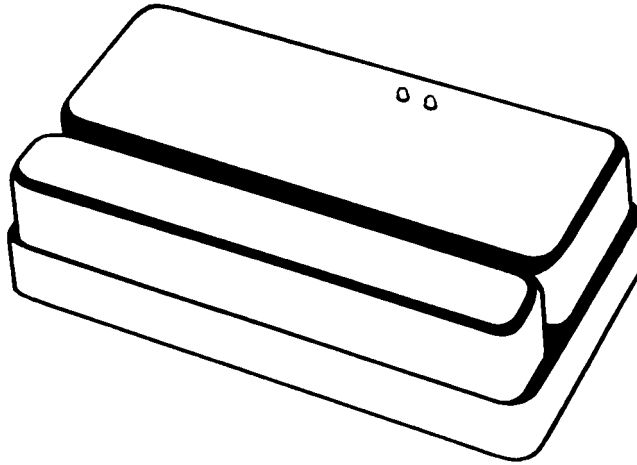


Barcode Scanning, Magstripe Reading and Relay Operation

for stand alone
access control
and time
and attendance

Magbar STA



The Magbar STA is a stand-alone access control/time & attendance reader with internal memory, time clock and internal audit trail. It is available as a fixed-mount or portable reader. The fixed-mount reader contains an internal relay which is used for door control. The portable version is meant for use at monitored stations, such as guard shacks, and uses the LEDs to signal access granted or denied. Access is controlled by validation of badge numbers stored in the internal memory of the reader. Valid numbers can be downloaded into the reader from a PC or scanned in by hand. The audit trail data can be easily uploaded to a PC at any time.

- **Visible or infrared versions available**
- **1 or 2 magnetic stripe tracks**
- **RS232 or networkable RS422/485 interface**
- **Portable version available**
- **Scheduling (time/day access restrictions) available**
- **New badge or I.D. numbers easily added by scanning into the reader or by downloading**

Magbar STA Specifications

Barcode Scanning Speed

3"-30" per second
(7.62 cm - 76.2 cm/second)

Scanning Direction

Bi-directional

Symbologies

Code 39, 1 2 of 5, 2 of 5,
Code 128, Codabar,
EAN 13, UPCA

Magnetic Stripe

Track 3 (high density)
Track 2 (low density)
Track 1 (high density)

Magnetic Stripe Direction

Bi-directional

Interfaces

See below

Slot Width

0.050" (1.27 mm)

Good Read Beep

Programmable

Indicators

2 programmable LEDs

Displays

8 char. alpha display (opt.)

Read Height

0.4" standard (1.02 cm)
0.465" optional (1.19 cm)

Memory

128K standard

Dimensions

4.6"L x 2.4"W x 1.4"H
(11.68 cm L x 6.10 cm W
x 3.56 cm H)

Temperature

-40° to +85°C standard

Weight

7 ounces (198.5 grams)

Material

Black polycarbonate

Light Source

630nm visible
940nm infrared

Power

5VDC, approx. 150mA
8-15VDC (opt.);
15-30VDC (opt.)

Relay

1 amp, 35VDC; 1 common
lead, 1 lead normally closed,
1 lead normally open

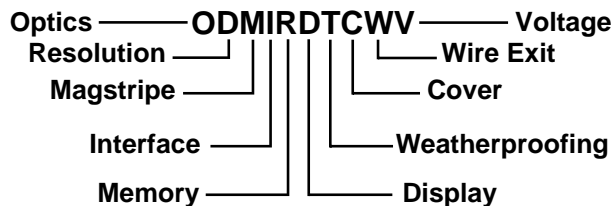
Standard Wiring

3 ft. (91.5 cm) cable,
flying leads

How to Order

Order Magbar STA with a code to indicate options required.

Code



Options Available

Optics

Visible – V
Infrared – I

Resolution

Low Resolution – L
High Resolution – H

Magstripe

Tracks 2 & 3 – 3
Track 2 only – 2
Tracks 1 & 2 – 1

Interface

RS232 – S
RS422/485 – 2

Memory

128K – 1

Display

No display – 0
Alphanumeric – A

Weatherproofing

No weatherproofing – 0
Weatherproofing – W

Cover

#6 – 6
3mm – M

Wire Exit

Rear – R
Side – S
Internal battery (portable) - I
Side internal jacks (portable) - J
Internal battery/external AC – A

Voltage

5VDC – 5
8-15VDC – 2
15-30VDC – 4

Example

Magbar STA-IH121A0MS2=

Magbar STA with infrared optics, high resolution, magstripe tracks 1 and 2, RS422/485 interface, 128K memory, alphanumeric display, no weatherproofing, 3mm screw size mtg. back cover, side wire exit and 8-15VDC supply.