

Stand Alone Barcode and Magnetic Stripe Reader

Magbar STA

for stand alone
access control
and time and
attendance


International Bar Code



The Magbar STA is a stand alone access control and time and attendance reader with internal memory, an internal time clock and an 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 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 into the reader by hand. The audit trail can be easily uploaded to a PC at any time.

- Visible or infrared optics
- 1 or 2 tracks
- Programmable masking
- Addressable (networked) using RS422 or TCP/IP
- Bidirectional reading
- Supports scheduling (time/day access restrictions)
- Portable version available
- POE w/EZPower

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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

Tracks 1, 2 or 3
(high or low density,
high or low coercivity)

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 character alpha display
(optional)

Read Height

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

Memory

128K standard
512K optional

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*

5V 150mA typical 250 max
12V 90mA typical 140 max
24V 45mA typical 75 max

Relay

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

Standard Wiring

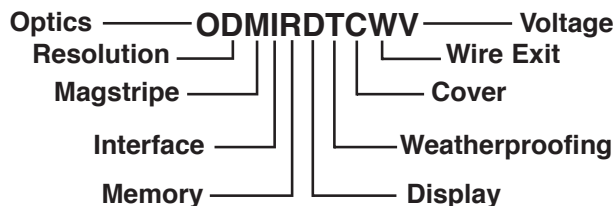
3 ft. (91.5 cm) cable with
flying leads for data and
power, 3 ft. cable for relay

* Maximum power consumption does not include alphanumeric displays. 5VDC readers have a voltage tolerance of +/-5%. 12VDC readers may be operated from 8VDC - 15VDC. 24VDC readers may be operated from 15VDC - 30VDC.

How To Order

Order Magbar STA with a code to indicate options required.

Code



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 12VDC supply.

Options Available

Optics

Visible - V
Infrared - I

Resolution

Low Resolution - L
High Resolution - H

Magstripe

Track 2 - 2
Tracks 1 & 2 - 1
Tracks 2 & 3 - 3

Interface

RS232 - S
RS422/485 - 2
TCP/IP - C

Memory

128K - 1
512K - 5

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
Read exit w/side headset jack* - 4

Voltage

5VDC - 5
12VDC - 2
24VDC - 4
P - POE

* 4 position side headset jack available for communications on fixed mount units only. Power and relay wiring remains in the rear.