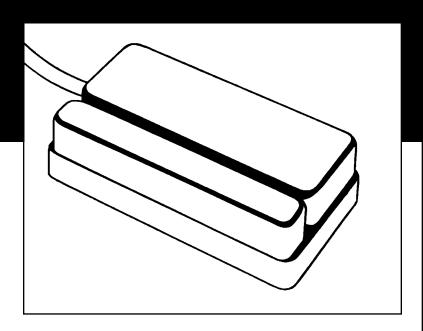# Barcode Scanning and Magstripe Reading

combined in one unit

Magbar-U

The Magbar-U combines a Barcode Slot Reader and Magstripe Swipe Reader into one device. Output from the Magbar-U is undecoded and may be connected to any standard barcode decoder and magstripe decoder.

Magbar-U Specifications

Barcode Scanning Speed
3"-30" per second
(7.62 cm - 76.2 cm per second)
Scanning Direction
Bi-directional
Slot Width
0.050" (1.27 mm)
Resolution
5 mil (High)
10 mil (Low)
Weight
7 ounces (198.5 grams)
Material
Black polycarbonate
Interface
TTL
Open Collector
Light Source
630nm visible
940nm infrared
Indicators
2 LEDs (optional)

Read Height
0.4" standard (1.02 cm)
0.465" optional (1.19 cm)
Temperature
–40° to +85°C
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)
Power Requirement
5VDC standard, approximately 50 mils
12VDC or 24VDC (optional)
Tracks
1 or 2 tracks
Head Life
1 track – approx. 300,000 passes
2 tracks – approx. 600,000 passes
Standard Wiring
3 ft (91.5 cm) cable, flying leads or
connectors depending on interface;
or 6-pin rear modular jack

How to Order

Order Magbar-U with a code to indicate options required.

Code

Optics ——— O D M I L T C W V ——— Voltage
Resolution ——┘ | | | | | | └—— Wire Exit
Magstripe Track ——— | | | | | └—— Cover
Interface ——— | | └—— Weatherproofing
LEDs

Options Available

Optics
Visible – V
Infrared – I
Resolution
Low Resolution – L
High Resolution – H
Magstripe
Track 2 only – 2
Tracks 1 and 2 – 1
Barcode Interface
TTL – T
Open Collector – O
LEDs
No LEDs – 0
Both LEDs – L
Red LED – R
Green LED – G

Weatherproofing
No Weatherproofing – 0
Weatherproofing – W
Cover
#6 – 6
3mm – M
Wire Exit
Rear Wire Exit – R
Side Wire Exit – S
6-pin rear mod. jack – 6
Voltage
5VDC – 5
8-15VDC – 2
15-30VDC – 4

Example

Magbar-U-IH2T0W6R4 =
Magbar-U with infrared optics, high resolution,
Magstripe track 2 only, TTL interface, no LEDs,
weatherproofing, #6 screw size mounting back
cover, rear wire exit and 15-30VDC voltage.

ibc
International Bar Code   **160 Oak St., Glastonbury, CT 06033 USA Tel: (860) 659-9660 Fax: (860) 657-3860**