

Versatile Barcode Swipe Reader

Smart Slot J

for reading
barcodes into
virtually any
type of system



The Smart Slot J is a versatile barcode swipe reader, available in many different interfaces for connecting to a variety of systems. Features and options include a good read beep, programmable LEDs, alphanumeric display, relay, sense inputs, programmable barcode masking, networking and weatherproofing for outdoor use. Available interfaces include PC wedge (keyboard emulation), RS232, RS422, DTMF, wiegand, and ABA (magnetic stripe emulation). The Smart Slot J is a versatile solution for almost any system which requires barcode swipe reading.

- Visible or infrared optics
- Programmable barcode masking
- Addressable (networked) using RS422
- Bidirectional reading
- Custom configurations available

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Smart Slot J Specifications

Barcode Scanning Speed

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

Scanning Direction

Bi-directional

Symbologies

Code 39, 2 of 5, 1 2 of 5,
Code 128, Codabar,
EAN13, UPCA

Interfaces

See below

Resolution

5 mil (High)
10 mil (Low)

Read Height

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

Good Read Beep

Programmable

Slot Width

0.050" (1.27 mm)

Indicators

2 programmable LEDs (optional)

Light Source

630nm visible
940nm infrared

Temperature

-40°C to +85°C 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)

Weight

6 ounces (170.1 grams)

Material

Black polycarbonate

Power Consumption*

5V 145mA typical 245 max.
12V 90mA typical 140 max.
24V 45mA typical 75 max.

Standard Wiring

3 ft. (91.5 cm) cable, flying
leads or connectors,
depending on interface

Sense Inputs

2 TTL sense inputs (optional)

Relay/Trigger Output

30VDC 500mA relay (optional)
5VDC TTL trigger output (optional)

Displays

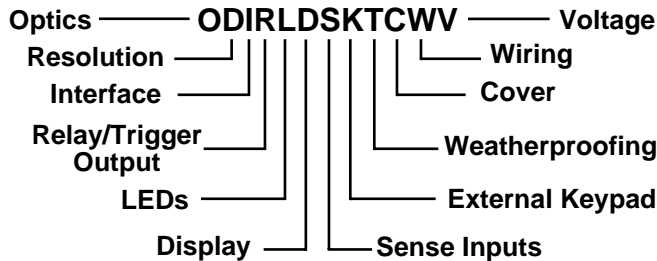
8 char. alpha display (optional)

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

How To Order

Order Smart Slot J with a code to indicate options required.

Code



Example

Smart Slot J-IHS0L000W6R5=

Smart Slot J with high resolution infrared optics, RS232 output, both LEDs, weatherproofed for outdoor use, #6 mounting backplate, rear wire exit, 5VDC supply.

Options Available

Optics

Visible - V
Infrared - I

Resolution

Low - L
High - H

Interface

RS232 - S¹
RS232 Wedge - A
TTL ASCII - T
INV TTL ASCII - I
Magstripe Emulation - M²
Wand Emulation - W²
RS422 - 2¹
PC Wedge XT/AT - P
PC Wedge PS2 - 1
Wiegand - G²
VT320 Wedge - V
DTMF - D

Relay/Trigger Output

No relay - 0
Relay - R
Trigger output - T

LEDs

No LEDs - 0
Both LEDs - L
Red LED - R
Green LED - G

Display

No display - 0
Alphanumeric display - A

Sense Inputs

No sense inputs - 0
Sense inputs - S

External Keypad

No external keypad - 0
Ext. keypad support - K

Weatherproofing

No weatherproofing - 0
Weatherproofing - W

Cover

#6 - 6
3mm - M

Wiring

Rear - R
Side - S
6-pin rear mod. jack - 6

Voltage

5VDC - 5
12VDC - 2
24VDC - 4

¹ Serial units may be reprogrammed for network/protocol mode.

² Units may be specially ordered to support all three emulation modes.