

# 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, TCP/IP, DTMF, wiegand, ABA (magnetic stripe emulation) and USB. 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 or TCP/IP
- Bidirectional reading
- Custom configurations available

  
International Bar Code

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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, I 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

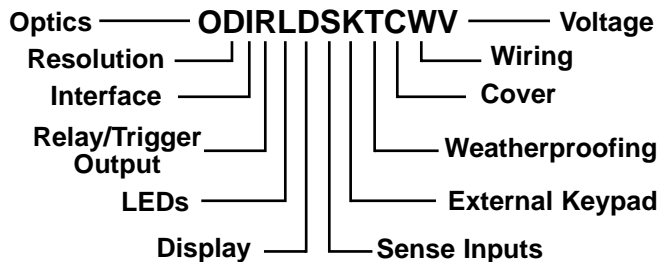
8 char. alpha display (optional)

\* Maximum power consumption does not include alphanumeric displays. 5VDC readers have a voltage tolerance of +/-5%. 12VDC readers may be operated from 8VDC - 15VDC. 24VDC readers may be operated from 15VDC - 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 - S<sup>1</sup>  
RS232 Wedge - A  
TCP/IP - C  
TTL ASCII - T  
INV TTL ASCII - I  
Magstripe Emulation - M<sup>2</sup>  
Wand Emulation - W<sup>2</sup>  
RS422 - 2<sup>1</sup>  
PC Wedge XT/AT - P  
PC Wedge PS2 - 1  
Wiegand - G<sup>2</sup>  
VT320 Wedge - V  
DTMF - D  
USB - U

### 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

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

<sup>2</sup> Units may be specially ordered to support all three emulation modes.



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