

# Stand Alone Barcode Reader

Smart  
Slot SA

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for stand alone  
access control

  
International Bar Code



The Smart Slot SA is a stand alone access control reader with internal memory and an internal time clock. 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.

- Visible or infrared optics
- 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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# Smart Slot SA 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,  
EAN 13, 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

## Light Source

630nm visible  
940nm infrared

## Temperature

-40° 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

7 ounces (198.5 grams)

## Material

Black polycarbonate

## 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

## Memory

64K standard  
256K optional

## Displays

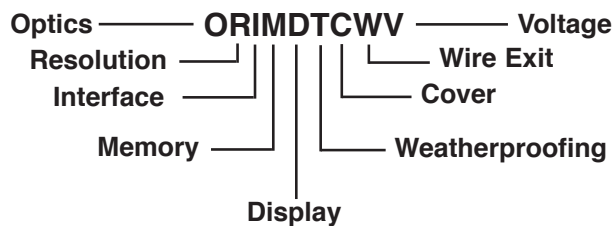
8 character alpha display  
(optional)

\* 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 SA with a code to indicate options required.

## Code



## Example

### Smart Slot SA-VLS1A06R5=

Smart Slot SA with visible optics, low resolution, RS232 interface, 64K memory, alphanumeric display, no weatherproofing, #6 screw size mtg. back cover, rear wire exit and 5VDC supply.

## Options Available

### Optics

Visible – V  
Infrared – I

### Resolution

Low – L  
High – H

### Interface

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

### Memory

64K – 1  
256K – 5

### Display

No display – 0  
Alphanumeric display – 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.



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