# PI65-120-RSA-CS16

**Partial Insertion Magstripe Reader**

## Features

- Polled RS-232 Interface
- StatGuard™ static protection
- Front and rear card detects
- Reads ISO tracks 1 and 2
- Open slot architecture
- Red/Green slot entry illumination
- Easily customized
- Lifetime head warranty available

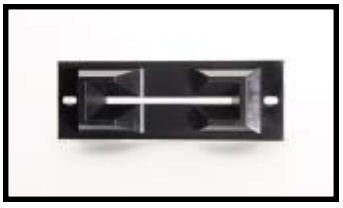
**Model PI65-RSA-CS16 with XS1010 bezel**

## Specifications

| | |
|---|---|
| Interface: | Polled RS-232 9600 Baud, 8 Bits, 2 Stop, No Parity |
| Read Direction: | Insertion and/or withdrawal |
| Tracks: | 65% of both ISO tracks 1 and 2 |
| Read Speed: | 3ips - 45ips |
| Card Thickness: | 10mils - 45mils |
| Connector: | 1 x 5 shrouded and 1 x 8 right angle header |
| Dimensions: | Length: 3.5in. Width: 4.0in. Height: 1.4in. approx. |
| MTBF: | Electronics: 100,000 hours Head Life: 500,000 minimum |
| Environment: | Operating Temp.: 0°C - 50°C Storage Temp.: -20°C - 70°C<br>Operating Humidity: 8%-95% Storage Humidity: 5% -95% |

## Bezel Selection

**XS1010-00**



**XS1025-00**

**XS1010-09**

√ custom bezels and colors available

## Model PI65-120-RSA-CS16

Model PI65-RSA is a partial insertion magnetic stripe card reader with a RS-232 interface. The unit is designed to read tracks one and two of F2/F encoded data. The encoded data can be read on insertion, withdrawal, or both. Direct optical front and rear card detects are standard. For use with transparent cards, mechanical front and rear card detects are available.

Anti-static features and an internal watchdog are employed to insure the uninterupted operation of the reader in environments where static discharge is normally problematic; such as a casino's gaming floor. Superbrite bi-color Red / Green LEDs are used to illuminate the card reader's slot for easy entry visability. All XS Technology card readers are backed by a one-year warranty.

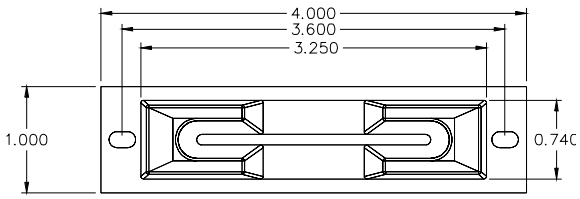
## Pin Assignment

| 5 Pin | Pin No. | 8 Pin |
|---|---|---|
| GND | 1 | GND |
| RXD | 2 | +5V |
| TXD | 3 | +5V LAMPS |
| +5V LAMPS | 4 | -CDR |
| +5V | 5 | CTS |
| | 6 | N/C |
| | 7 | RD |
| | 8 | TD |

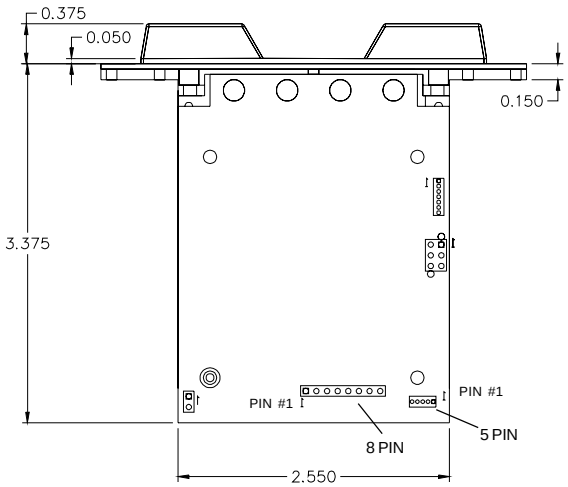
## Power Requirements

| | |
|---|---|
| Voltage: | 5V DC +/-10% |
| Current | |
| Reader: | 50mA max. |
| Lamp: | 85mA typ. |

## Dimensions




**Bezel XS1010**




**PI Reader Module**

## Mating Cable

Part No. XS1091 (8 pin connector)