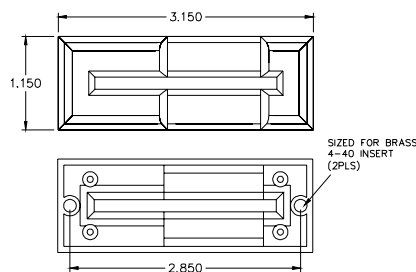# XS t — FI10-120-RSA

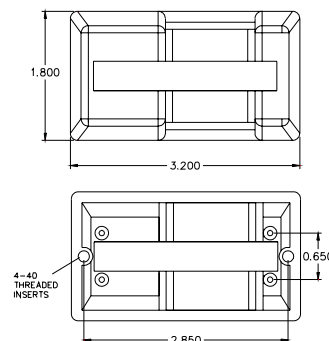## Full Insertion Magstripe Reader

Features

- Reads bank issued credit cards
- RS-232 Interface with watchdog
- Compact mounting design
- Reads tracks one and two
- Front and rear card detects
- Open slot architecture
- Entry slot illumination
- Easily customized
- Demo software available

Model FI10-120-RSA with XS1042 bezel

Specifications

Interface:	RS-232 9600 Baud, 8 Bits, 2 Stop, No Parity
Read Direction:	Insertion and/or withdrawal
Tracks:	Both ISO tracks 1 and 2
Read Speed:	3ips - 45ips
Card Thickness:	10mils - 45mils
Connector:	Series 'B' receptical
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
	Operating Humidity: 8%-95% Storage Humidity: 5% -95%

Bezel Selection

XS1042 STANDARD

√ custom bezels and colors available

XS1090

Model FI10-120-RSA

Model FI10-120-RSA is a full insertion magnetic stripe card reader with a RS-232 interface. The unit is designed to read tracks 1 and 2 of encoded data on bank issued credit and financial cards. The encoded data can be read on insertion, withdrawal, or both. Direct optical front and rear card detects are standard. Mechanical front and rear card detects are available. This card reader is the industry standard for kiosks, vending machines, and gas pumps.

Unique Features

The reader uses an inventive ball and optical combination for front and rear card detects (option). This feature allows the reader to operate normally when translucent cards are used.

The reader's card slot is illuminated with super bright leds for easy identification in dimly lit locations such as casinos, arcades, bars, and night clubs. The reader's leds can be flashed on and off to alert the cardholder.

Open back architecture allows for coins and other unwanted debris to easily be pushed out the rear of the unit.

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

XS1042 BEZEL