

FEATURES:

- Small Size (2.15" X 1.85" X 0.80")
- 500 Scans per Second
- Wide Reading Window (3.1")
- RS-232 or Optional RS-422/485
- Reads Industrial Barcodes
- High Speed Decoder
- Configuration through Serial Port



DESCRIPTION:

The Model RS12000 decoded scanner is designed for Fixed Mount Industrial use. The Standard communications interface is RS-232. An optional RS-422/485 converter is available. The scan rate is 500 scans per second; which means barcodes can pass the scanner at rates of 200 inches per second, or faster. The nominal reading distance is 1.375" from the front of the scanner, with a range of ± 0.375 " from nominal. The scanner reads most common industrial barcodes, including Code 39, Interleaved 2 of 5, Codabar and Code 128.

TYPICAL APPLICATIONS:

The Fixed Mount CCD Scanner is designed to be used in applications requiring short distances from the code to the scanner, and where a small scanner package is necessary. Compared to laser scanners, CCD scanners are smaller, operate in closer proximity to the barcode, and have no moving parts. The LEDs used for the light source have a typical operating life of 100,000 hours; ten times that of a laser diode.

SPECIFICATIONS:

Configuration:	Using a Serial Data Terminal or PC configured as a terminal. Complete Configuration Manual Provided.	RS-232:	Selectable baud rate from 1200 thru 19200. Seven or 8 bit data word. Odd, Even, Mark, Space or No Parity. RTS/CTS Handshaking.
Barcode Types:	Code 39, Interleaved 2 of 5, Codabar, Code 128.	Connectors:	RJ-45 Telephone Type.
Distance:	1.375" ± 0.375 from scanner front.	Power:	5V _{DC} $\pm 10\%$ @ 300ma.
Scan Rate:	500 scans per second.		
Trigger Modes:	Via external switch closure or thorough Serial port commands.		

CONNECTIONS:

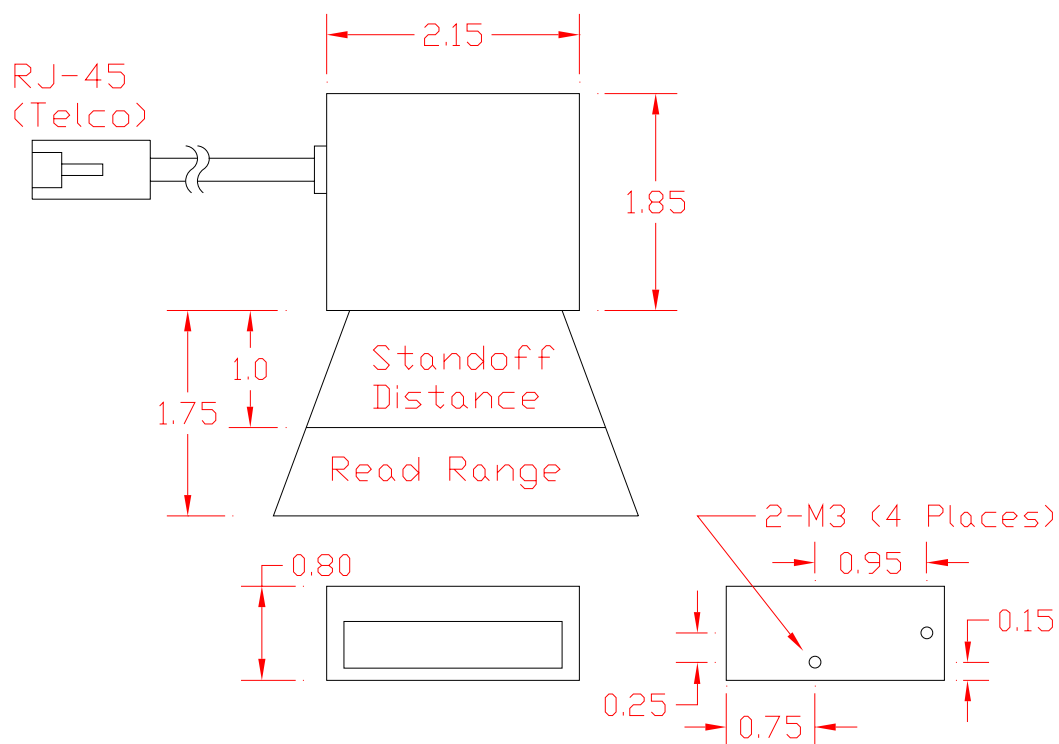
The table below shows the connections for the RJ-45 connector:

Pin	Signal
1	+5VDC
2	GND
3	TxD
4	RxD
5	RTS
6	CTS
7	
8	
9	Trigger
10	

PART NUMBERS:

Model RS12001 - Front Viewing, RS-232, RJ-45 Connector.

DIMENSIONS:



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