

OPERATING MANUAL

RS232 ISOLATOR

MODEL LD-14I

# INTRODUCTION

Milestone RS232 Isolator Model LD-14I is designed for protection of expensive system interface by providing optical isolation between the two communicating devices. Application for these converters can be for factory automation, programmable logic controllers, attendance recording systems, Barcode Readers, remote data transmission, remote terminals, EPABX etc.

## SPECIFICATIONS

Signals	RS232 - TxD, RxD, DTR, DSR & SIGNAL GND at input (D9 Female Connector) and output (D9 Male Connector)
Max. Distance	15 meters.
Transient Protection	2500 V Peak
Optical Isolation	2500 V Peak between Input and Output Port Circuit
Front Panel Indications	TD, RD, POWER, DTR, DSR
Power Supply	Mains Input-230V, 50 Hz
Power	Max. 20 VA Built-In Power Supply.
Size	107mm x 105mm x 55mm

**TABLE I: Input RS 232 Port – /D9 Female Connector**

<b>D9F Pin No.</b>	<b>Signal</b>	<b>Input/Out</b>
3	Rx	Input
2	Tx	Output
5	Signal Ground	-
6	DTR	Output
4	DSR	Input
7,8,1	RTS, CTS, CD	

**TABLE II: Output RS 232 Port – D9 Male Connector**

<b>D9M Pin No.</b>	<b>Signal</b>	<b>Input/Out</b>
3	Tx	Output
2	Rx	Input
5	Signal Ground	-
6	DSR	Input
4	DTR	Output
7,8,1	RTS, CTS, CD	

