



INTRODUCTION:

Milestone Serial to Parallel Converter Model SP-4 is a microprocessor based intelligent instrument. It has a serial RS-232 input and centronics parallel data.

Specifications:	
Power Supply	9 V DC, 100mA – External Adapter
Serial Port	RS232 D9 Male Connector
Parallel Port	PC compatible D25 Female Connector
Communication Parameters	19.2K baud, 8 Data Bits, No Parity, 1 Stop Bit. (Factory Set)
Communication Protocol	Supports X-On / X-Off, DTR / DSR Signal
Front Panel Indication	S <> P Serial to Parallel Mode
Size	100mm x 80mm x 33mm

TABLE I

RS-232 SERIAL PORT CONNECTIONS (D-9 MALE CONNECTOR)

Pin No.	Signal
2	Rx
3	Tx
6	DTR
5	GND
4	DSR



PARALLEL PORT (D25 FEMALE CONNECTOR)

The Pin connections are identical to PC Printer Port connections.

Once all the communication parameters of input serial device are set properly to match with the converter, (viz. 19.2K Baud, 8 Bit Data, No Parity and 1 Stop Bit) downloading from input device can be carried out to effect the required operation.