



# Serial488A™

## Serial/IEEE 488 Converter



### Features

- Attach an RS-232 or RS-422 printer, plotter, or instrument to an IEEE 488 controller
- Attach an IEEE 488 (HP-IB) printer or plotter to any computer with a serial port
- 32K buffer frees the computer while slow devices are accepting data

The Serial488A™ is a transparent interface between RS-232/422 and IEEE 488. It allows an IEEE 488 controller to communicate with an RS-232 printer, plotter, or instrument. Conversely, the Serial488A will enable a computer's RS-232 port to communicate with an IEEE printer or plotter. Built into the Serial488A is a 32,000 character data buffer.

The Serial488A is packaged in a rugged all metal case, convenient for bench-top and rack-mount applications.

### Specifications

#### Serial Interface

All parameters are switch selectable.

**Electrical Characteristics:** Supports RS-232 and RS-422 (Serial488A only)

**Duplex:** Full with echo/no-echo

**Data Bits:** 7 or 8

**Stop Bits:** 1 or 2

**Parity:** On transmit; odd, even, mark, space, or disabled

**Baud Rates:** 110, 300, 600, 1200, 1800, 2400, 3600, 4800, 7200, 9600, 19200, and 57600

**Terminator:** CR, LF, CR-LF or LF-CR

**Control:** Supports Clear To Send (CTS), Request To Send (RTS), or XON/XOFF

**Connector:** Accepts 25-Pin Sub-D male: DCE configured

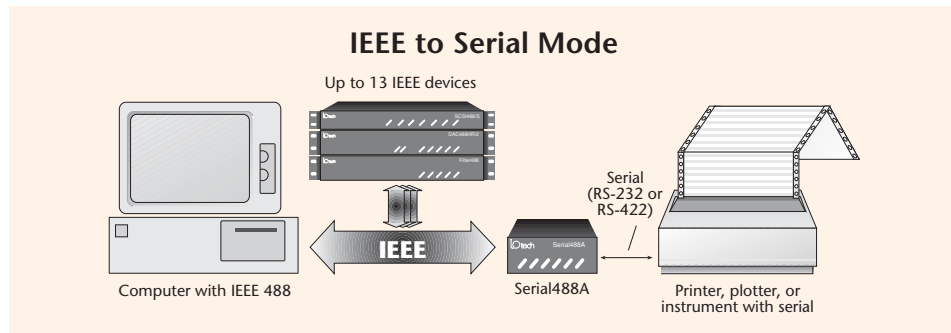
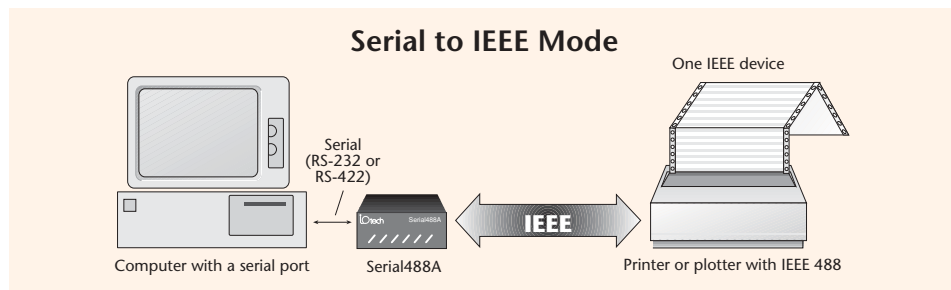
#### IEEE 488 Interface

**Terminator:** Software selectable CR, LF, CR-LF, LF-CR and/or EOI

**Connector:** Standard IEEE 488 connector with metric studs



The Serial488A transparently converts between serial and IEEE devices



### General

**Data Buffer:** 32,000 characters

**Indicators:** LEDs for Talk, Listen, Send, Receive, and Power

**Power:** 105 to 125V or 210 to 250V, 50/60 Hz; 10 VA max

**Environment:** 0° to 35°C; 0 to 95% RH, non-condensing  
**Controls:** Power switch (rear panel); internal DIP switches for serial and IEEE parameters

**Dimensions:** 138 mm W x 190 mm D x 68 mm H (5.4" x 7.5" x 2.7")

**Weight:** 1.1 kg (2.3 lbs)

### Ordering Information

**Description**  
 Serial/IEEE 488 converter with 32K buffer  
 Shielded IEEE 488 cable, 6 ft.

**Part No.**  
 Serial488A  
 CA-7-3

For complete information on accessories and cables, visit [www.iotech.com/acc](http://www.iotech.com/acc)