

# Single Channel RS422/485 Serial Interface



OMG-ULTRA-485



- ✓ WIN XP/Vista/7 and OS/2 Compatible
- ✓ Automatic Control of RS485 Driver Enable Signal
- ✓ Selectable COM Port Address
- ✓ Selectable and Sharable IRQ Level
- ✓ Compatible with Existing Communications Drivers
- ✓ 16-Bit Addressing Eliminates I/O Conflicts
- ✓ Speeds to 115k BPS
- ✓ 16550 Buffered UART Standard, Full Array of Advanced UARTS Available
- ✓ Selectable Termination, Echo Mode, 2/4-Wire Operation
- ✓ Includes Windows Advanced COM Drivers and Help Files
- ✓ Interface for Factory Automation Equipment
- ✓ PLC Communications
- ✓ Multi-Drop Data Collection Devices



OMG-ULTRA-485 shown smaller than actual size.

The OMG-ULTRA-485 provides a PC with a direct RS422/485 asynchronous link to data collection and other devices. Individually selectable address and extended "AT" interrupts make for seamless integration into OS/2 and Windows. The OMG-ULTRA-485 eliminates communications roadblocks under Windows and OS/2 due to its advanced design. The OMG-ULTRA-485 is perceived by the system to be an RS232 port, so no special drivers or additional software is required.

WIN XP/Vista/7 drivers are included as well as support for Linux.

The drivers provide IRQ sharing, advanced UART support and serial diagnostic utilities.

## Specifications

**Communications Chip:** 16550 UART

**Ports:** Single RS422/485

**Max Data Rate:** 115k bps

**Max Data Distance:** 5000 ft

**RS485 Operation:** Two or four-wire

**Operating Ambient:** 0 to 50°C

(32 to 122°F), 0 to 90% RH

**Storage Ambient:** -20 to 70°C

(-4 to 158°F)

**Connector:** DB25



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

## To Order

Model No.	Description
OMG-ULTRA-485	Single channel RS422/485 interface

Comes complete with operator's manual

**Ordering Example:** OMG-ULTRA-485 single channel RS422/485 interface, OCV-1 OMEGACARE<sup>SM</sup> 1-year warranty (adds 1 year to standard 1-year warranty).