

IC485SI

RS-232/RS-485 Interface Converter



IC485SI transfers data according to RTS (transfer requests) signal control. It supports point-to-point and multipoint communication, simplex/duplex connections, and is switchable between full duplex and half duplex, and DCE and DTE. It needs no external power supply and is the most economical and reliable option.

Features

- Data transmission controlled by the RTS signal.
- DCE/DTE selectable.
- Point to point, multidrop, and simplex/duplex link selection.
- Four wire full duplex; two wire half duplex.
- Compact size.
- Cable distance of up to 1200m (4000 ft.).
- Signal and power isolation.
- Supports baud rates up to 115.2Kbps.
- OS Support: Windows 2000, Windows XP

Specifications

| | |
|------------------------|---|
| Connectors | 1 DB-25 Female (RS-232) RS-485 / RS-422 Four Terminal Block Grounding Tab |
| Switches | DCE, DTE TxON, RxON TxRTS, RxRTS TxRTS, RxON |
| Power Consumption | DC9V:0.81W:4BTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Signal Range | 1200 m [4000'] (Max) |
| Data Rate | Up to 100 Kbps under 1200 m [4000'] |
| Environmental | |
| Operating Temperature | 0 ~50°C |
| Storage Temperature | -20 ~ 60°C |
| Humidity | 0~80% RH, Non-condensing |
| Physical Properties | |
| Housing | Plastic |
| Weight | 0.06 kg (0.13 lb) |
| Dimensions (L x W x H) | 7.90 x 5.45 x 2.10 cm (3.11 x 2.15 x 0.83 in.) |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram**ATEN International Co., Ltd.**

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