

# RS-485 Interface Powered Family

## RS232 to RS422 /RS485 Interface Converter



### ic485IP-1, ic485IP-2

The ic485IP Interface Converters provide asynchronous conversion between RS-232 interface and RS-485 standard interface. The RS-232 interface connection is via the unit's DB-25 female connector, while the RS-485 side's connection is via either a five screw terminal block or an RJ-45. The ic485IP converter's circuitry is not electrically isolation between the RS-232 and RS-485 sides. The RS-232 side may operate as DTE or DCE, has provisions for establishing hardware flow control, and has LEDs to indicate data transmission and reception. The RS-485 side may operate in either two wire half duplex or four wire half or full duplex and also has LED's to indicate data transmission and reception.

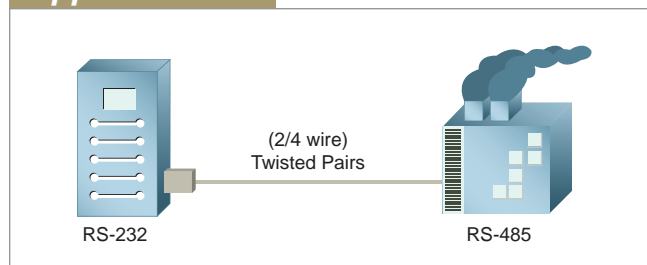
#### Features

- Electrically converts ASYNC RS-232 to RS-485/422
- Baud rate up to 128kbps
- DCE/DTE switch selectable
- RTS/CTS control, full/half duplex
- Simulation/monitor select switch

#### Specifications

Data rate	Up to 128Kbps
Connector	RS232: DB25F RS485: 4 screw terminals block (ic485IP-1) RS485: RJ-45 connector (ic485IP-2)
LEDs	TD, RD, External DC Power
Power	Interface Powered or External DC 9V in
Power Consumption	< 5W
Dimensions (D x W x H)mm	ic 485IP-1: 54 x 76 x20mm ic 485IP-2: 54 x 56 x 20mm
Weight	60g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing

#### Application



#### Ordering Information

##### RS-232 to RS-422 / 485

- ic485IP-1 Async RS232 (DB25F) to RS422/485, 4-Screw Terminal Block  
DC In 9V / 300mA
- ic485IP-2 Async RS232(DB25F) to RS422/485; RJ45  
DC In 9V / 300mA