

RS-232 Interface Powered Family

RS-232 Interface Powered Converter



V35IP / 449IP

The RS232IP family of interface converters allows full bi-directional synchronous conversion between RS-232C (V.24) and V.35 or RS-449/530 hardware. These converters all work WITHOUT an EXTERNAL POWER SUPPLY. The RS232IP interface converters are designed for synchronous RS-232 operation at data rates up to and including 128kbps. They may also be applied to asynchronous RS-232 using only TD & RD signals, while ignoring TC, RC, and XTC timing signals. Asynchronous RS-232 requires three times greater data throughput on the synchronous side's V.35 or RS-449/530 interface. The physical connections for all RS232IP family converters are DB25 female with standard pin out, while a cable adapter is required for V.35 or RS-449/530 side. All three models may be interchanged as long as the correct V.35 or RS-449/530 cable is applied.

Features

- Electrical SYNC RS-232 interface converter to V.35 / RS-449
- Interface powered, no external DC power required for the "IP" converter family
- DCE/DTE switch selectable
- Data rate up to 128Kbps
- Complies with EIA RS-232, RS-449, RS-530 and ITU-T V.35
- An external power adapter (9VDC@600mA) may be used if the application of the unit is in a poor communication environment

Specifications

Data rate	Up to 128Kbps
Connector	DB25F with V.35, RS530, RS449 cable adapter
LEDs	PWR, Signal status, DCE/DTE mode
Power	DC 9V in via AC adapter
Power Consumption	< 5W
Dimensions (D x W x H)mm	140 x 80 x 25mm
Weight	150g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing

Ordering Information

RS-232 to V.35

- V35Ip-M RS232(DB25F) to V35(DB25F) converter; DTE/DCE selectable
w/ DB25M to MB34M adapter cable
DC In 9V / 600mA
- V35Ip-F RS232(DB25F)-V35(DB25F) converter; DTE/DCE selectable
w/ DB25M-MB34F adapter cable
DC In 9V / 600mA

RS-232 to RS-449

- RS449Ip-M RS232(DB25F)-RS-449 (DB25F) converter; DTE/DCE selectable
w/ DB25M-DB37M adapter cable
DC In 9V / 600mA
- RS449Ip-F RS232(DB25F)-X.21(DB25F) converter; DTE/DCE selectable
w/ DB25M-DB37F adapter cable
DC In 9V / 600mA