

V.35 Interface Powered V35/530IP, V35/449IP, V35/X21IP



V.35 to RS-530/ RS-449/ X.21 Interface Converter

The V35IP family of interface converters allows full bi-directional synchronous conversion between V.35 and X.21 or RS-449/530 hardware. These converters all work WITHOUT an EXTERNAL POWER SUPPLY. The V35IP interface converters are designed for synchronous V.35 operation at data rates up to and including 128kbps. They may also be applied to asynchronous V.35 using only TD & RD signals, while ignoring TC, RC, and XTC timing signals. Asynchronous V.35 requires three times greater data throughput on the synchronous side's X.21 or RS-449/530 interface.

The physical connections for all V35IP family converters are DB25 female connectors and V.35 adapter cable. The V.35 side requires the supplied DB25 to MB34 adapter cable to connect directly to V.35 equipment.



Adapter cables are also required for connection to X.21 and RS-449 equipment. RS-530 equipment may be directly connected to the V35IP converter.

Features

- DCE/DTE: Switch settable
- Power Source: Interface powered. No external DC power adapter is required for the "IP" converter family. However, an external adapter (DC9V@600mA) may be used if the application of the unit is in a poor communication environment.

Specifications

Data Rate	Up to 2Mbps	
Connectors	V.35 side -V.35 cable adapter,X.21, RS-449/530 side -DB25F (Requires adapter cable)	
LEDs	PWR, Signal status, DCE/DTE mode	
Environment	Temperature	0 — 50°C (Operating); 20 — 70°C (Storage)
	Humidity	5% — 90% non-condensing
Power Consumption	< 5W	
Dimensions(WxDxH)	80mm x 140mm x 25 mm	
Weight	150g	

Ordering Info

V.35 ↔ RS-530	
V35/530IP-M	V.35 to RS-530 Interface Converter, interface powered
V35/530IP-F	V.35 to RS-530 Interface Converter, interface powered, with DB25M to MB34F adapter cable
V.35 ↔ RS-449	
V35/449IP-M	V.35 to RS-449 Interface Converter, interface powered, with DB25M to DB37M adapter cable
V35/449IP-F	V35/449IP-F V.35 to RS-449 Interface Converter, interface powered, with DB25M to DB37F adapter cable
V.35 ↔ X.21	
V35/X21IP-M	V.35 to X.21 Interface Converter, interface powered, with DB25M to DB15M adapter cable
V35/X21IP-F	V.35 to X.21 Interface Converter, interface powered, with DB25M to DB15F adapter cable