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Lets a Balanced, Synchronous Device Communicate with a V.35 Controller or CSU/DSU

Overview

The Patton Model 2014 RS-530 to V.35 converter lets a synchronous RS-530 device communicate bi-directionally with a synchronous V.35 device. The Model 2014 requires no AC power or batteries to operate and supports data rates to 2 Mbps. Operating full or half duplex, the Model 2014 passes all necessary clocking and control signals, and is transparent to protocol.

The Patton Model 2014 connects directly to the synchronous RS-530 interface using a male or female DB-25 connector. A male or female M/34 connector at the end of an integral 6 foot (1.8m) cable plugs into the V.35 device.

Features

- Bi-Directionally Converts Synchronous RS-530 DCE to V.35 DTE
- Supports Data Rates to 2 Mbps, Full or Half Duplex
- Transparent to Protocol
- No AC Power or Batteries Required
- Various Gender Combinations Available
- DB-25 and M/34 Connectors with Integral 6 foot (1.8m) Cable
- Circuitry Housed in a Miniature Case
- **Made in the USA** — This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.

Specifications

Interfaces: EIA RS-530 DCE/RS-422 to CCITT V.35 DTE

Data Rates: Up to 2.048 Mbps

Transmission Mode: Full or half duplex

Protocol: Transparent to protocol

Clocking: Set by connected devices

Connectors: DB-25 male or female on RS-530 side, M/34 male or female on V.35 side

Temperature Range: 32-122°F (0-50°C)

Altitude: 0-15,000 feet

Humidity: Up to 95% non-condensing

Power Supply: None required, uses ultra low power from EIA data and control signals

Dimensions: 2.66L x 2.10H x 0.73W (6.8 x 5.3 x 1.9 cm)

Weight: 14 oz. (400 grams) including cable

Ordering

#	Model #	Description	Availability
1	2014FC-FT	RS422/530(F/DCE)TO V35(F/DTE)	Special Order
2	2014FC-MT	RS422/530(F/DCE)TO V35(M/DTE)	Special Order
3	2014FT-FC	RS422/530(F/DTE)TO V35(F/DCE)	End of Life-Notice
4	2014FT-MC	RS422/530(F/DTE)TO V35(M/DCE)	End of Life-Notice
5	2014MC-FT	RS422/530(M/DCE)TO V35(F/DTE)	Special Order
6	2014MC-MT	RS422/530(M/DCE)TO V35(M/DTE)	Special Order
7	2014MT-FC	RS422/530(M/DTE)TO V35(F/DCE)	End of Life-Notice
8	2014MT-MC	RS422/530(M/DTE)TO V35(M/DCE)	End of Life-Notice

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing. Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing. Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing. Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.

SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR2 (/support/support-warranty.asp)	2 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR3 (/support/support-warranty.asp)	3 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR4 (/support/support-warranty.asp)	4 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR5 (/support/support-warranty.asp)	5 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-NETENG-HOUR (/support/support-professional.asp)	Network technician hour rate for pre-config services, after hours support, etc.	Contact us (/howtobuy/) for availability and pricing.

Backgrounders

FiberPlex Capabilities Guide (/backgrounders/FiberPlex_Capabilities_Statement.pdf)

October 6, 2017

Certifications

Declaration of Conformity - Data Communications Devices (/certifications/00109D1-001P.pdf)	July 16, 2018
Declaration of Conformity - Data Communication Devices: Short Range Modems, Interface Converters, Multiplexer Models (/certifications/02301D1-001H.pdf)	February 12, 2015

Data Sheets

Lifecycle Change Notice - Model 2014xC-xT Series (/datasheet/Lifecycle_change_notice_2113_2115_2017_06.pdf)	June 1, 2017
Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)	April 24, 2015

Product & Solution Guides

Enterprise Networking Products Guide (/guides/07MENTNET-PG-lo.pdf)	November 10, 2010
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User Manuals & Configuration Guides

Model 2014 Manual (/manuals/2014.pdf)	April 22, 1998
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- > SIP eSBCs (/session-border-controller/#products)
- > VoIP Appliances (/ip-pbx/#products)
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- > VPN Server (/vpn-server/#products)
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- > xDSL Products (</xdsl/#products>)
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- > Fiber Alarming, Notification, Relay and Control (</products/network-connectivity/#24>)
- > Other Network Extenders (</products/network-connectivity/#13>)
- > Defense/Security Fiber Communications (</products/network-connectivity/#22>)
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