



520i

**Multi-Channel RS-232 or RS-422
Over IP Network Transmission System**

RS-232/422
↔
1,2,4,8 over **IP/Ethernet**

**“Multi-Channel Serial Data
Over IP”**



**“Multi-channel data transport anywhere within your
IP/Ethernet network.”**

Applications

- Computer to Computer Communications
- Industrial Process Control
- Traffic Control and Management
- Security Surveillance and CCTV Systems

The 520i Series is a high performance Multi-Channel RS-232 or RS-422 Over IP Network Transmission System providing simultaneous transmission of multiple serial data channels. The standard 520i system is designed to transport up to 8 channels async RS-232, or RS-422 data signals. Data rates are up to 57.6 Kbps for each RS-232 channel. Many 520i versions are available to address different system architecture requirements.

Features

- Transport up to 8- Channel RS-232 or RS-422 Data Over IP/Ethernet
- Data rate up to 57.6 Kbps (RS-232/422)
- Cost Effective Solution for Remote Data Transport of Multiple Serial Data Channels

The 520i comes with a rugged, standalone, compact packaging. Panel connectors are provided for data (terminal block) and IP/Ethernet connection (RJ-45).

The 520i design is capable of addressing a variety of non-standard configurations. Contact us to discuss your custom, OEM/private brand and high volume requirements.



Doing More With One Fiber



520i

Control Data Transmission Systems



Multi-Channel RS-232 or RS-422 Over IP Network Transmission System

Serial Data

Channel Number	8 (RS-232) or 8 (RS-422)
Signal Format	RS-232 or RS-422
Interface	DCE
Data Rate	Up to 57.6 Kbps (RS-232) Up to 57.6 Kbps (RS-422)
Bit Error Rate	$< 10^{-9}$
Connector	Terminal Block

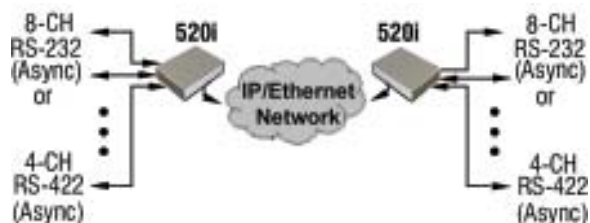
Ethernet

Connector Type	RJ-45
Format	10/100Base-T auto-sensing

Physical

Dimension: (H) x (W) x (D)	1.72" x 4.36" x 8.75"
Power Level	+12VDC @ 1A
Operating Temperature	0 to +50°C (extended range is also available)
Humidity	0 to 95% RH, non-condensing
Status Indicators	Power, Ethernet Link, Ethernet Activity, Data Activity

Application



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Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

