



Control RS-232-enabled Legacy Devices via IP Extend RS-232 over one CAT-5



EXT-IP-2-RS2322

Control two RS-232 devices over an IP network, or use two units to extend RS-232 over one CAT-5 cable

The Gefen IP to dual RS-232 converter offers two distinct yet powerful applications:

1. IP Bridging: Allows control and communications with two RS-232-enabled devices over an IP network, using an IP-based Automation Control device. This creates tremendous system integration and control opportunities by allowing the use of RS-232 enabled legacy devices within an IP based control system. It can communicate with other IP-enabled devices over Telnet or UDP. Each of the two RS-232 ports are individually addressable and communications from the IP network can be routed to one, the other, or both RS-232 devices.

2. RS-232 Extension over CAT-5: Two units can be used as a Sender and Receiver pair to extend RS-232 over a single CAT-5, either connected directly or through a network switch.

Regardless of your application, the IP to dual RS-232 converter features an intuitive web server interface that can be used for system set-up and firmware upgrades. It is also compatible with Gefen's Syner-G™ software.

How It Works

1. IP Bridging: Using the included DB-9 cable, connect a device to be controlled to the RS-232 1 port. If planning to control a second RS-232 device, connect it using a DB-9 cable to RS-232 2 port of the converter. Using standard networking RJ45 terminated CAT-5 cable, connect the IP port of the Gefen IP Converter to your Local Area Network switch, or directly to an IP-enabled controller.

2. RS-232 Extension: Connect RS-232-enabled devices to two units of EXT-IP-2-RS2322 using the included DB-9 cables. Connect a CAT-5e or better cable, either directly between the two units, or through a Local Area Network switch. Each cable run can be up to 100 meters/330 feet.

Connect the locking power supply(ies) to the unit(s) and to available electrical outlet(s). The power indicator LED(s) will glow bright blue. Set up each unit via its easy-to-use web server interface.

Features*

- Allows IP Control of two RS-232-enabled devices
- Allows extension of RS-232 over one CAT-5e, up to 100m/330ft per cable run
- Supports Telnet and UDP protocols
- Each of the RS-232 devices can be addressed independently
- Configurable via web server interface and Gefen Syner-G™ software
- Independently configurable baud rate and line delay for each RS-232 port
- Field-upgradeable firmware via web server interface
- Locking power supply connector
- Surface mountable

Specifications*

- RS-232 Connectors: (2) DB-9, male
- IP Interface/Extension port: (1) RJ-45
- RS-232 Baud Rate: Adjustable via web server interface: 9600 to 115200 baud
- RS-232 Line Delay: Adjustable via web server interface: 0 to 10000 ms (10 s)
- IP Reset button: (1) tact-type, recessed
- Power Indicator: (1) LED, blue
- Power Supply: 5V DC, locking
- Power Consumption: 1W (max.)
- Dimensions (W x H x D): 4.3" x 1" x 3.4" (110mm x 26mm x 86mm)
- Shipping Weight: 1.8 lbs. (0.8 kg)



This product has been specifically designed for use with the Gefen Syner-G™ Software Suite, available for download at www.gefen.com.

The Gefen Syner-G™ Discovery and Show-Me features simplify initial IP configuration.

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