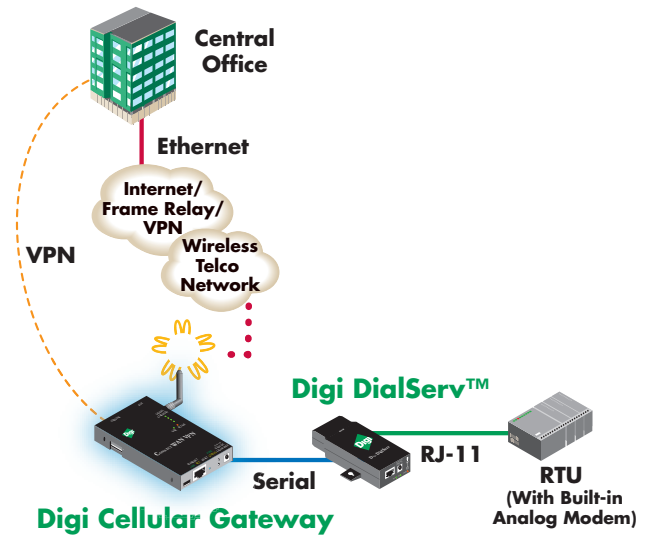


Digi DialServ™

RJ-11 Phone Line Simulator



Digi DialServ is an RJ-11 PSTN analog modem to RS-232 serial converter that seamlessly integrates with Digi cellular gateway products to provide communications across local or wide area networks to legacy devices with embedded modems.



Features/Benefits

- When used in conjunction with Digi cellular VPN gateways:
 - Connects legacy devices with built-in modem to LAN/WAN
 - Converts RJ-11 PSTN analog modem to RS-232 serial for compatibility with Digi cellular gateways
 - Simulates Telco network and converts phone number to IP address
 - Built-in secure VPN connection (IPsec, SSL) – even over public network
 - Dial-in/Dial-out support
- Easy integration with Digi products, including Digi Connect® WAN, ConnectPort™ WAN VPN, and ConnectPort™ X cellular gateways

Overview

Digi DialServ is an RJ-11 phone line simulator that allows legacy devices with built-in modems to communicate across LANs/WANs. Using seamless integration to Digi cellular and Ethernet gateways, Digi DialServ provides secure IPsec or SSL VPN connections – even over public networks.

When used with Digi cellular gateways, Digi DialServ works with both dial-in and dial-out applications by simulating the Telco network and converting the requested phone number to an IP address. This allows remote devices with a built-in modem (and an RJ-11 port) to seamlessly communicate with a centralized location as if they were TCP/IP devices.

Replacing old phone lines with IP communications allows customers to leverage higher availability, lower-cost networks, while potentially reducing monthly recurring costs related to phone bills. Also, devices using Digi DialServ over high speed IP networks often realize much faster transaction time versus slow dial-up modems.

Digi DialServ requires virtually no configuration, making it very easy to deploy. Simply plug the RJ-11 cable from your existing device into a Digi DialServ, which is connected to a Digi cellular gateway via serial cable. Now incoming and outbound calls will be seamlessly converted to IP connections.

Common applications for Digi DialServ include SCADA (industrial automation, utilities, etc.), retail/point-of-sale and building automation/security, and infrastructure including devices such as ATMs, RTUs, kiosks, security panels, credit card/payment terminals and pay-at-the-pump controllers.

Features/Specifications

FEATURES

- When used in conjunction with Digi cellular gateways:
 - Converts analog/PSTN data to IP/packet data
 - Data routing methods
 - Fixed IP address
 - Phone number as IP address
 - Look-up table for IP address based on phone number
 - Passing phone number to fixed IP address for routing
 - Secure IPsec and SSL tunneling available with Digi VPN gateways
 - Fully configurable through Web UI of the attached cellular gateway
- Integrated mounting brackets
- V.34 support with full error correction and compression
- Supports all modem connection rates from 300 baud to 33.6 Kbaud
- Integrated off-hook and transmit LEDs
- Power connector with locking plug

ENVIRONMENTAL

- Operating temperature: 0° C to 70° C (32° F to 158° F)
- Relative humidity: 5% to 95% (non-condensing)

REGULATORY APPROVALS (Pending)

- FCC Part 15, Class B
- EN55022
- EN55024
- UL60950
- CSA 22.2 No. 60950
- EN60950
- VCCI V-3/99 .05
- AS/NZS 3548

POWER REQUIREMENTS

- Power input: 9-30VDC
- Ability to share power with attached gateway
- Y cable for power included

DIMENSIONS

- Length: 3.9 in (9.9 cm)
- Width: 1.7 in (4.3 cm)
- Depth: 1.0 in (2.5 cm)
- Weight: 2.3 oz (65.2 g)

INTERFACES

- RJ-11 for modem connection
- Female DB-9 DCE serial for cellular gateway connection
- Compatible with Digi products, including Digi Connect WAN, ConnectPort WAN VPN, and ConnectPort X cellular gateways

MODEL.....PART NUMBERS

Model

Digi DialServ - RJ-11 to RS-232 Converter (Dial & Answer Mode)

Worldwide

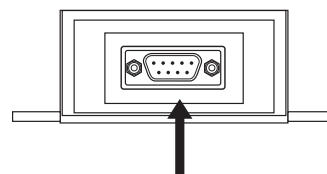
DC-DTS-B100

Power Y Cable



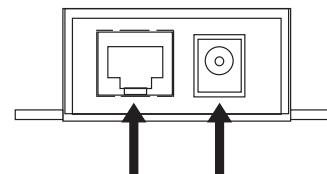
Allows Digi DialServ to share power with Digi Connect WAN or ConnectPort cellular products.

Digi DialServ - Front



DB-9F
Serial

Digi DialServ - Back



RJ-11 9-30VDC
Power

DIGI SERVICE AND SUPPORT - You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. www.digi.com/support

WHEN
RELIABILITY
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Digi International

11001 Bren Road E.
Minnetonka, MN 55343
U.S.A.
PH: 877-912-3444
952-912-3444
FX: 952-912-4952
email: info@digi.com

Digi International France

31 rue des Poissonniers
92200 Neuilly sur Seine
PH: +33-1-55-61-98-98
FX: +33-1-55-61-98-99
www.digi.fr

Digi International KK

NES Building South 8F
22-14 Sakuragaoka-cho,
Shibuya-ku
Tokyo 150-0031, Japan
PH: +81-3-5428-0261
FX: +81-3-5428-0262
www.digi-intl.co.jp

Digi International (HK) Limited

Suite 1703-05, 17/F.,
K Wah Centre
191 Java Road
North Point, Hong Kong
PH: +852-2833-1008
FX: +852-2572-9989
www.digi.cn

Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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