

# Digi DialServ™

RJ-11 Phone Line Emulator

RJ-11 phone line simulator connects legacy devices with built-in modems to the LAN/WAN.



## Overview

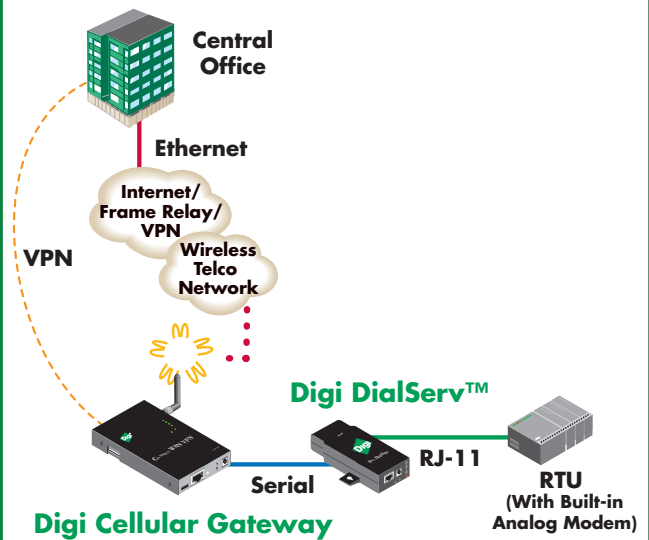
Digi DialServ is an RJ-11 PSTN analog modem to RS-232 serial converter that seamlessly integrates with Digi cellular gateways to communicate across LANs/WANs to legacy devices with built-in modems.

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. Remote devices with a built-in modem (and an RJ-11 port) may communicate seamlessly with a centralized location as if they were TCP/IP devices. Digi DialServ provides secure IPsec or SSL VPN connections, even over public networks.

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 that is connected to a Digi cellular gateway via serial cable. Incoming and outbound calls will be converted to IP connections.

Applications for Digi DialServ include retail/POS, security/building automation, and connecting infrastructure devices.

## Application Highlight



## 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 with Digi Connect® cellular gateways
- Simulates Telco network and converts home number to IP address
- Secure VPN connection (IPsec, SSL) even over public networks when used with the appropriate Digi cellular router
- Dial-in/Dial-out support

## Related Products



ConnectPort™ WAN Family



Digi Connect® WAN Family



ConnectPort™ X

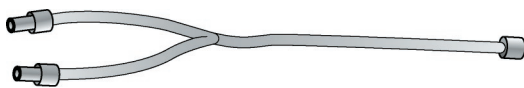


Interfaces	
Modem	1 RJ-11
Serial	Female DB-9 DCE serial for cellular gateway connection included (compatible with Digi Connect WAN, ConnectPort WAN VPN and ConnectPort X cellular gateways)
Features	
Data Conversion*	Converts analog/PSTN data to IP/packet data
Data Routing Methods*	Fixed IP address; Phone 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
Configuration*	Fully configurable through Web UI of the attached cellular gateway
Integrated Mounting Brackets	•
Modem Features	V.34 support with full error correction and compression; Supports all modem connection rates from 300 baud to 33.6 Kbaud
LEDs	Off-hook, Transmit
Dimensions (L x W x D)	3.9 in (9.9 cm) x 1.7 in (4.3 cm) x 1.0 in (2.5 cm)
Weight	2.3 oz (65.2 g)
Power Requirements	
Power Input	9-30VDC with locking power connector
Cable	Y-cable for power included, providing ability to share power with gateway
Environmental	
Operating Temperature	0° C to +70° C (32° F to 158° F)
Relative Humidity	5% to 95% (non-condensing)
Regulatory Approvals	
Safety	UL 60950, CSA 22.2 No. 60950, EN60950
Emissions/Immunity	CE; FCC Part 15 Class B, EN55022, EN55024, AS/NZS 3548, VCCI V-3/99 .05

\* When used with a Digi cellular gateway

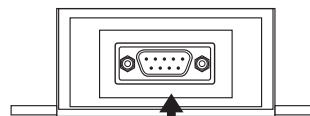
• Digi DialServ Feature

**Power Y Cable**



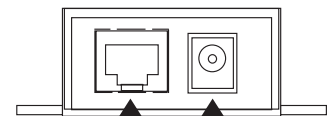
Allows Digi DialServ to share power with Digi Connect WAN or ConnectPort cellular products.

**Digi DialServ - Front**



**DB-9F  
Serial**

**Digi DialServ - Back**



**RJ-11    9-30VDC  
Power**

Visit [www.digi.com](http://www.digi.com) for part numbers.

**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](http://www.digi.com/support)

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