

Industrial 4G Router | DX-2400L9

Secure and flexible connectivity for industry | 4G (LTE FDD/TDD), 3G, WAN | Modbus TCP/RTU, MQTT, VPN (PPTP/L2TP/OpenVPN), DIACloud

Article:	DX-2400L9
Brand:	Delta Electronics
Network type:	4G (LTE FDD/TDD), 3G, WAN
Data rate:	Up to 150 Mbps (down) / 50 Mbps (up)
Interface:	1x WAN, 2x LAN, 1x RS-232, 1x RS-485
Protocol support:	Modbus TCP/RTU, MQTT, VPN (PPTP/L2TP/OpenVPN), DIACloud
Security features:	SPI firewall, IP filtering, MAC filtering
Input voltage:	9-48V DC
Temperature range:	-20°C to +75°C



Description

The DX-2400L9 is an industrial-grade 4G/WAN router that enables remote access and data collection for automation systems via the cloud, without the need for a separate VPN server.

It supports both 4G (LTE) and broadband connectivity, has ports for WAN and LAN as well as serial interfaces (RS-232 and RS-485), making it flexible for many applications.

The router offers universal LTE-FDD/-TDD bands, data speeds up to 150 Mbps download and 50 Mbps upload, and has security features such as thread filtering, SPI firewall, and support for protocols such as Modbus and MQTT.

With a robust metal housing (IP40), the dimensions 145.3 x 45 x 115.7mm, operating temperature from -20°C to +75°C, DIN rail or wall mounting as well as easy cloud integration via DIACloud make the DX-2400L9 an excellent solution for critical industrial environments

Features

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- A data acquisition equipment connected to cloud servers. Supports a two-way data collection channel between the devices and the cloud
- Sets up a secure tunnel between the user and the remote device via the cloud server, without the need of additional VPN server
- Supports MODBUS TCP, MODBUS ASCII/RTU, Mitsubishi MC, Siemens ISO-on-TCP and Omron FINS protocols
- Connect to AWS IoT MQTT Broker through MQTT protocol with Publish and subscribe pattern
- Universal LTE-FDD and LTE-TDD frequency bands, backward compatible with WCDMA/GSM/GPRS/EDGE 2G networks
- LTE data transmission rate up to 150Mbps (downlink) / 50Mbps (uplink)
- Automatic APN parameter matching and connection redial
- Connecting to internet through by 4G cellular network or broadband interfaces. Come with indication the priority of

Article number

Art.No	Description	Input voltage DC	Network type	Interface	Size
4G Router / DX-2400L9	Industrial 4G Router	9–48V	4G (LTE FDD/TDD), 3G, WAN	1× WAN, 2× LAN, 1× RS-232, 1× RS-485	145.3 × 45 × 115.7