

D-Link 4G LTE IIoT RTU



Model: DOM-311-TSO

Manufacturer: D-LINK

EAN: 790069475177

Product Code: 1180303

R5,373

Modbus Compatibility

Compatible with various Modbus TCP/RTU/ASCII protocols for IIoT legacy device integration.

IIoT Telemetry

Collect valuable data from remote sensors and devices for processing, analysis, and monitoring.

Secure VPN Protection

Protect sensitive data transmission via secure VPN tunnels to prevent unauthorized network access.

IT/OT Integration

Converge business and production functions for access to real-time actionable data and analytics.

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Industrial-Grade Durability

Corrosion-resistant zinc-plated steel casing and robust design ensure reliable operation in harsh environments.

Centralized Management

Conveniently manage remote devices from anywhere via the D-ECS management platform.

Seamless IT/OT Integration for Enhanced Operational Efficiency

The DOM-311-TSO 4G IIoT RTU (Remote Terminal Unit) is key to converging business operations with production processes, offering advantages such as enhanced decision-making, streamlined process automation, preventive maintenance, and maximized production output. Leveraging reliable 4G connectivity, it facilitates quick integration of remote sensors, devices, and machinery, ensuring centralized manageability and boosting competitive edge.

With its multi-interface compatibility including RS-232/485 and digital I/O (DI/DO), the DOM-311-TSO promptly responds to IoT sensor criteria and enables digital output to end devices in the OT field, improving responsiveness and automation in industrial applications. It supports various industrial communication protocols and utilizes the Modbus transfer protocol between RTU and TCP, simplifying integration into complex automation and remote control systems, thus enhancing operational efficiency and system reliability.

Data Telemetry

The DOM-311-TSO provides centralized control for data acquisition from remote devices via Modbus TCP, RTU, and ASCII protocols to streamline monitoring and analytics. With multi-interface compatibility, including RS-232/485 and digital I/O (DI/DO), the device enables real-time data transfer to the control center, providing comprehensive insights and improved operational efficiency.

Robust Build Quality

The DOM-311-TSO is designed to maximize M2M connection reliability and availability, featuring a corrosion-resistant zinc-plated steel casing, wide voltage input range, wide operating temperature

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range and humidity tolerance, making it suitable for the most demanding M2M applications in virtually any environment. Convenient DIN-Rail design allows the DOM-311-TSO to be mounted virtually anywhere to optimize signal quality.