

D-Link 4G LTE IIoT Gateway



Model: DOM-530-TSO

Manufacturer: D-LINK

EAN: 790069475184

Product Code: 1176555

R6,633

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.

Dual-SIM Failover

Two SIM slots with auto-failover redundancy to ensure reliable cellular WAN connectivity.

Secure VPN Protection

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

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Industrial-Grade Durability

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

GPS Location

Real-time tracking enables operators to quickly determine field equipment location for maintenance.

Seamless IT/OT Integration for Enhanced Operational Efficiency

The DOM-530-TSO 4G IIoT Gateway 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-530-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.

Enhanced Telemetry and Data Management

The DOM-530-TSO 4G IIoT Gateway enhances data acquisition and analytics by supporting Modbus TCP, RTU, and ASCII protocols. It supports various interfaces such as RS-232/485 and digital I/O (DI/DO), facilitating real-time telemetry data transfer to the control center for the remote access and comprehensive insights for better decision-making results in enhanced operational efficiency.

Equipped with a Micro SD card slot and a USB port, the DOM-530-TSO facilitates data logging and storage for machines' diagnostics. This allows control center for predictive maintenance and rapid

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troubleshooting to reduce downtime, ensuring overall performance and lifespan of the machines.

Advanced Event Management for Efficient IIoT Operations

The DOM-530-TSO 4G IIoT Gateway significantly streamlines event management by responsive event-trigger capabilities. It is engineered to provide immediate notifications through SMS or email when IIoT sensor readings exceed pre-set thresholds, allowing the control center to monitor and control IIoT sensor status remotely via SMS. This feature enhances the efficiency of IIoT monitoring, automation, and time-sensitive applications.

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