Transform your Multi-Protocol Devices Into SNMP-Compatible Powerhouse with SMARTMOD Controller DG1024I

Https Enable, Secure Communication, and Data Encryption ensure a safe and reliable connection, protecting against Cyber threats.

V- V+ DC12-24V AC12-24V	USB Slave	Reset	USB HOST	10 / 100 M Ethernet1	10 / 100 M Ethernet2

DIMS
XTENDING SERVICES

PWR SYS

TX1 RX1
TX2 RX2
TX3 RX3
TX4 RX4

OS : LINUX
CPU : 4Core 1.4Ghz
RAM : 512M
Flash : 8G
Power Supply : AC/DC12~24V
Ethenet : 2 100M/10M
Port : 2 RS485, 2 RS485/RS232
Ethemet2 IP : 192.168.1.88

TF CARD

SMARTMOD CONTROLLER | DG1024I

COM1 COM2 COM3 RS485 / RS232 COM4 RS485 / RS232
A+ B- A+ B- A+ B- GND TX RX A+ B- GND TX RX

SMARTMOD CONTROLLER

A Smartmod Controller is a device that converts the Modbus protocol to the SNMP protocol for real-time monitoring. The Modbus protocol is a communication protocol widely used in industrial automation systems for connecting electronic devices, while SNMP (Simple Network Management Protocol) is a protocol used for managing and monitoring network devices.

The Smartmod Controller acts as an interface between Modbus devices and an SNMP-based network management system (NMS). It converts the Modbus protocol to SNMP and vice versa, allowing for real-time monitoring of Modbus devices on an SNMP-based network.

The Smartmod Controller typically has two interfaces: one for Modbus communication and the other for SNMP communication. The Modbus interface communicates with the Modbus devices, while the SNMP interface communicates with the NMS.

The Smartmod Controller converts the Modbus data into SNMP-compliant data, which can then be sent to the NMS for monitoring and management. The controller also allows for SNMP requests to be sent to the Modbus devices for control and configuration.

In addition to protocol conversion, the Smartmod Controller can also perform other functions, such as data filtering, data mapping, data logging, and event notification. It can also provide additional features, such as remote monitoring and control.

The Smartmod Controller is used in various applications, such as building automation, energy management systems, manufacturing automation, and transportation systems. It allows for efficient and cost-effective monitoring and control of Modbus devices on an SNMP-based network, improving overall system performance and reducing downtime.

Benefits of Smartmod Controller

There are several benefits of using a Smartmod Controller in industrial automation systems for converting Modbus protocol to SNMP protocol for real-time monitoring. Here are some of the key benefits:

Efficient Communication: Smartmod Controllers enable efficient communication between Modbus devices and SNMP-based network management systems, allowing for real-time monitoring and control of Modbus devices over an SNMP network.

Protocol Conversion: Smartmod Controllers convert Modbus data into SNMP-compliant data, allowing for easy integration with SNMP-based network management systems.

Data Mapping: Smartmod Controllers can map Modbus data to SNMP-compliant data, enabling easy monitoring and management of Modbus devices through the NMS.

Improved System Performance: With real-time monitoring and control of Modbus devices, Smartmod Controllers can help improve system performance, reduce downtime, and prevent potential system failures.

Remote Monitoring and Control: Smartmod Controllers enable remote monitoring and control of Modbus devices, providing a convenient way to monitor and manage devices across multiple locations.

Data Logging: Smartmod Controllers can log Modbus data for analysis and troubleshooting, providing valuable insights into system performance and potential issues.

Cost-effective: Smartmod Controllers are cost-effective solutions for integrating Modbus devices with SNMP-based network management systems, eliminating the need for expensive equipment or complex integrations.

If you are interested in learning more about the Smartmod Controller and how it can benefit your business, please do not hesitate to contact us. We would be happy to answer any questions you may have and provide a demonstration of the product.

Overall, the Smartmod Controller offers a range of benefits, including improved efficiency, system performance, and cost-effectiveness, making it an essential component in industrial automation systems

Experience excellence with DIMS Xtended Services