

ATEN 1-Port RS-232 Secure Device Server with PoE

Model: SN3001P

Manufacturer: ATEN

EAN: 4710469341045

Product Code: 1067685

R4,937

An easy-to-use, secure, and reliable solution makes it easier to connect a wide range of serial devices to an IP-based Ethernet LAN in an instant. The ATEN SN3001 series Secure Device Servers provide simple, fast serial-to-Ethernet connectivity, allowing your PC to remotely access serial RS-232 devices from a computer located anywhere. With various reliable features, the SN3001 solution is ideal for commercial and industrial process control applications.

Surge and Isolation Protection Ensuring System Stability

Surge protection is a vital aspect of any facility’s coordinated electrical protection to ensure safe and reliable operation. To this end, in addition to 1.5kV magnetic isolation protection for Ethernet signals, the SN3001 series Secure Device Servers feature surge protection for serial, Ethernet, and power that prevent an uncontrolled increase in voltage spikes or current. Furthermore, as well as industrial

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safety standards compliance, they are also tested to meet IEC 61000-4 surge wave form requirements to ensure system stability and reliability.

Level-up Device Security at Every Stage

Easy Setup with Web Console and Telnet/SSH Console The growing numbers of cyber attacks in the industrial IoT era have the potential to bring down systems and cause huge losses of time and money. In order to avoid potential vulnerability risks, enterprises need a multi-layered defense system to ensure secure data transmissions that include regular firmware upgrades, as well as various encrypted forms of authentication and access control. The SN3001 secure serial-to-Ethernet solutions come with security functions at every stage, including network access control and user authentication, data integrity and confidentiality. Furthermore, with an operation mode available for advanced security functions, you can acquire any field data needed and provide frontline protection.

Comprehensive Secure Operation Modes

The SN3001 series offers a broad choice of operation modes to help different types of serial devices to be seen on the network including Real COM, TCP, Serial Tunneling, Console Management and UDP. With each operation mode SN3001 models are equipped with advanced secure functions to assist users in streamlining operations and ensuring serial data is securely transmitted.

*UDP not features with secure mode.

Easy Setup with Web Console and Telnet/SSH Console

The SN3001 series offers a 3-step setup web console for fast installation. Its browser access is supported via an intuitive web console with multi-language features that facilitate a quick setup and control of the devices in just 3 configuration steps to activate the application. This makes the connection simple and fast, and users can complete the setup in an average of only 1 minute. Moreover, for bandwidth-sensitive applications, a Telnet/SSH console is also available for a low-bandwidth solution.

Easy to Troubleshoot

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ATEN understands the seriousness of data loss and breaches. The SN3001 series features a 64 KB port buffering to prevent data loss in case a network is down, and event notifications will be sent automatically by SMTP email and SNMP Trap when the serial devices go offline due to power failure, or trigger a user defined error. Moreover, the system event logs are available to record and track operation history, and can be saved to internal memory or Syslog server, so you can retrieve data for monitoring and troubleshooting at any time

Target Application

The SN3001 series enables instant networking of serial devices and can be deployed in a variety of commercial applications and industrial process automation environments that require serial-to-Ethernet connectivity. These include POS, access control, SCADA systems, environment monitoring, sensor monitoring, device management, remote site management, and more.

Versatile Mounting Options

The SN3001 series is adaptable to various installation environments and can be flexibly mounted in different ways, so you can easily configure them to your workplace. The mounting options includes on the wall, desktop, DIN rail mounting, or on a rack (with optional kit VE-RMK1U) as required.

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