



ESERV-10 SNMP



Embedding the Internet™

ESERV-10 SNMP enables you to connect serial components to your existing Simple Network Management Protocol (SNMP) based systems. By taking full advantage of your existing SNMP management system ESERV-10 SNMP helps you to directly cut your costs.

Do you have a wide area surveillance network which requires a lot of manual maintenance to keep it running? With the click of a mouse you could fix the problem rather than send your network engineer to the other side of the country.

The SNMP protocol is widely used among IT professionals in network management and surveillance systems. It means that the SNMP infrastructure is already in place.

This makes ESERV-10 SNMP a superb solution to extend the use of existing SNMP management systems to new areas. Viola offers the ESERV-10 SNMP surveillance solution to connect single serial devices - be it Uninterruptible Power Systems (UPS), relays or services - with a centrally located management system.

The ESERV-10 SNMP surveillance solution utilizes standardized SNMP and its Trap feature to transmit alarms and information from a serial device to a network connected management system.

ESERV-10 SNMP is compatible with well known management systems such as HP Openview™.

Viola acknowledges that fast execution is the key to business success. That is why ESERV-10 SNMP needs minimal effort in adoption.

Do you want to be more efficient?

Key Features

- Supports SNMP Trap feature
- Has dedicated MIB
- Directly compatible with SNMP management systems like HP OpenView™
- Available in both bulk and starter kit packages
- Ideal for UPS and server management

Software Tools

Viola Configurator™ for Windows®

Viola Configurator™ is a software tool that enables flexible and effortless configuration of device servers either one-by-one, or several ones simultaneously. Viola Configurator™ includes functions for set-up and changing of IP addresses, as well as functions for uploading Web pages to the device servers.

Virtual COM for Windows®

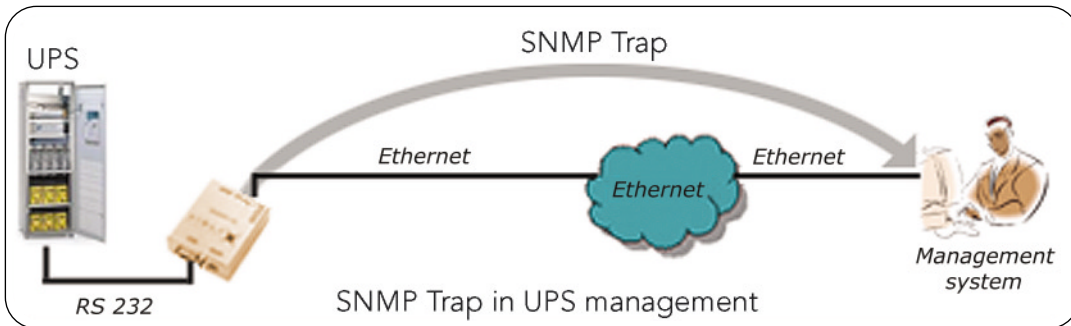
Virtual COM is a driver software for virtually redirecting the serial port communications from PC-applications to remote device servers, and vice versa. This software allows you to continue using existing applications that is based on serial communication. The difference is that the device can reside on the other side of the globe, if needed.

Viola MIB

ESERV-10 SNMP sends incoming data from a serial port as a SNMP Trap, ESERV-10 SNMP comes with standard Viola MIB (Management Information Base) which you can modify according to your specific requirements.

Contact Us Today

We will be glad to tell you more about how to be on the edge of development and to free additional value from your existing portfolio of assets. For more information about the ESERV solution, contact us now.



Key Specifications ESERV-10 SNMP

Network Protocols

ARP, IPv4, ICMP, UDP, TCP, HTTP, BOOTP, TFTP, POP3, SMTP, DNS, DHCP, SNMP Trap

Network Interface

Ethernet 2.0/IEEE 802.3
RJ 45 Ethernet Connector (10Base-T)
Pre-programmed MAC-address

Device Interface

Physical: RS232, RS485/422 (asynchronous)
Connector: DB9 Male
Based Rate: 1200-38400 bps
Data bits: 7 or 8
Stop bits: 1 or 2
Parity: even, odd, none
Flow Control: CTS/RTS
Other: AT-command support

SNMP Features

SNMP Trap
Single user defined OID
Viola MIB

System Software

Proprietary operating system
Updateable over serial port
HTTP server
Web pages and Java Applets

Management and Security

Web browser
Windows™ configurator software
Serial login
Telnet login
IP address and domain filtering

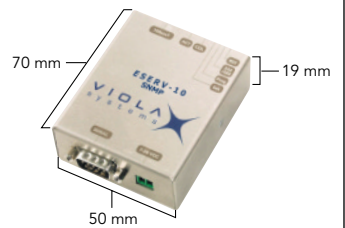
Environmental and Power

Diagnostic: Activity and Good link led
Input power: 7-24V DC less than 200 mA
Temperature (operating): 0°-70°C (32°-158°F)
Humidity: 5-95%, non condensing
Dimensions: 50x70x19 (mm)
Mounting: Stainless steel casing, wall mount

Product Options

External power supply 100-240VAC (optional)
+5VDC operation through serial port (optional)
DIN-rail attachment clip
Bulk package
Starter Kit package

Dimensions



Ordering Information

ESERV-10 SNMP
Order code 2120 (EU)
ESERV-10 SNMP Starter Kit
Order code 2129 (EU)

Ordering Address

Viola Systems Ltd.
Lemminkäisenkatu 32
www.violasystems.com
sales@violasystems.com

All rights reserved: HP Openview™ is a trademark of Hewlett-Packard Company



Trivium Business Park, Lemminkäisenkatu 32, FIN-20520 Turku, Finland
Phone +358 20 1226 226 | Fax +358 20 1226 220 | www.violasystems.com