

VizioGuard^{Tiny} Remote Monitoring System



VizioGuard^{Tiny} is a modular and expandable Monitoring System and the ideal solution for small applications. It supports a wide range of peripherals to meet the needs of specific applications and lets you create a self-tailored Environmental Monitoring System.

It supports the HTTP, DHCP, SNMP, Syslog and SNTp protocols.

Flexible and expandable system

Up to 4 dry contact sensors and 4 xBus peripherals can be connected to the VizioGuard^{Tiny} to set up a remote monitoring of your facilities. The user can choose from a large range of sensors or peripheral units.

Environmental monitoring

Many sensors can be used to secure your facilities by measuring temperature, humidity, ambient light or current.

Dry contacts monitoring

Up to 4 detectors with dry contact (smoke, water, movement detectors...) can be connected to the VizioGuard^{Tiny} terminal bloc. The number of monitored dry contacts can be extend by connecting Digital Input Modules to the xBus.

IP devices monitoring

A Watchdog function lets you monitor IP devices (servers, routers, camera...) through PING or Scan functions. In case of lock-up of the monitored device, an SNMP trap or Syslog message can be sent and the monitored device can be automatically rebooted over a connected power control unit.

Power supply monitoring

VizioGuard^{Tiny} can monitor its own power supplies and send Syslog messages or SNMP traps in case of power failure. It can also monitor the power supplies of all the connected peripherals.

Accounts/ IP security

Access to the ePowerSwitch is protected by name and password. The administrator account allows complete configuration and control of all connected peripherals over a web browser. The administrator can create up to 40 concurrent user accounts with restricted rights.

Scheduler for time-controlled applications

This time-controlled function lets you trigger actions like power outlet control, information transmission (Syslog, SNMP traps) according to a defined time table.



19" rack mounting kit in option

Programmable rules

VizioGuard^{Tiny} can automatically carry out up to 32 rules to take predetermined actions in response to a specific event. So a rule can be defined to switch a power outlet OFF and send an SNMP Trap or Syslog message when a predefined temperature is reached or if a contact door is open.

RTC (Real Time Clock)

The VizioGuard^{Tiny} has an RTC which supplies accurate date and time for all logging options. This RTC can be synchronized manually or automatically using one or two NTP servers.

Concurrent access

One administrator and up to 40 users can have concurrent access to the VizioGuard^{Tiny} web server using an http connection.

Remote Power Management

Connecting power switches (ePowerSwitch 1XS or 8XS) to the VizioGuard^{Tiny} enables remote power management. The administrator can create groups of power outlets to control servers with redundant power supplies and define restart and power-up delays for each power outlet.

Redundant power supply

To improve the security the VizioGuard^{Tiny} and its main peripherals have dual power input.

Easy Configuration

Full configuration can be performed through the Web using an http Web GUI. The system has contextual built-in online help which describes all screens and functions.

Easy daisy chaining cabling

All xBus devices may be daisy chained together using standard RJ45 cables. The total cable length can reach 200m.

Improved log file reporting

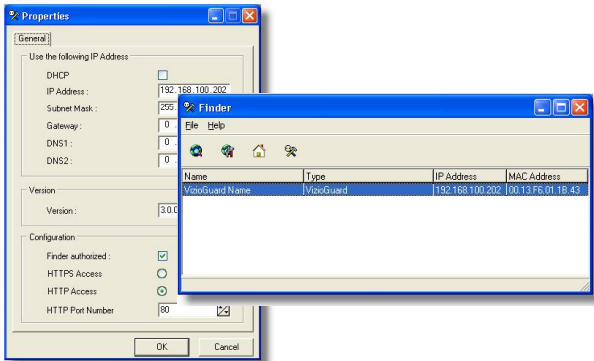
Event logs are written to the internal log file and can be sent to a one or two Syslog Servers.

Benefits

- Modular system concept offers flexible expansion possibilities (up to 4 sensors with dry contact and 4 xBus peripherals)
- Environmental monitoring (temperature, humidity, ambient light, current, door contacts, smoke, liquid and movements detectors...)
- Scheduler for triggering user defined actions (power switching, sending of Syslog messages and SNMP Traps)
- RTC with NTP synchronization for Syslog, Log and SNMP Traps
- Slot for Micro SD card (up to 2GB) used to store log file and sensor values.
- Redundant power supply
- Compact case
- Quick installation and easy configuration through browser
- Built-in Online help
- 2-years warranty

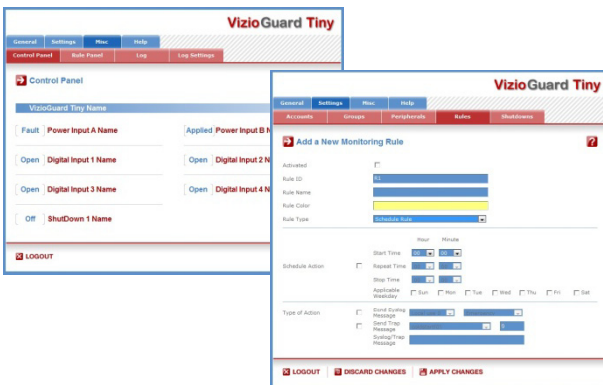
Windows configuration tool

A convenient Windows program provides an easy and quick way to configure the Network parameters even when the PC and VizioGuard^{Tiny} use different IP segments.



Web Pages

VizioGuard^{Tiny} features an user-friendly interface, well-organized and easy to use. It has also an extensive and informative contextual online Help system.



Back

- 3 L-xBus RJ45 ports for L-xBus peripherals
- 1 A-xBus RJ45 for L-xBus or xBus peripherals
- 1 screw terminal block with 4 dry contact inputs
 - 1 12 VDC power output for sensor
 - 1 redundant power supply input.

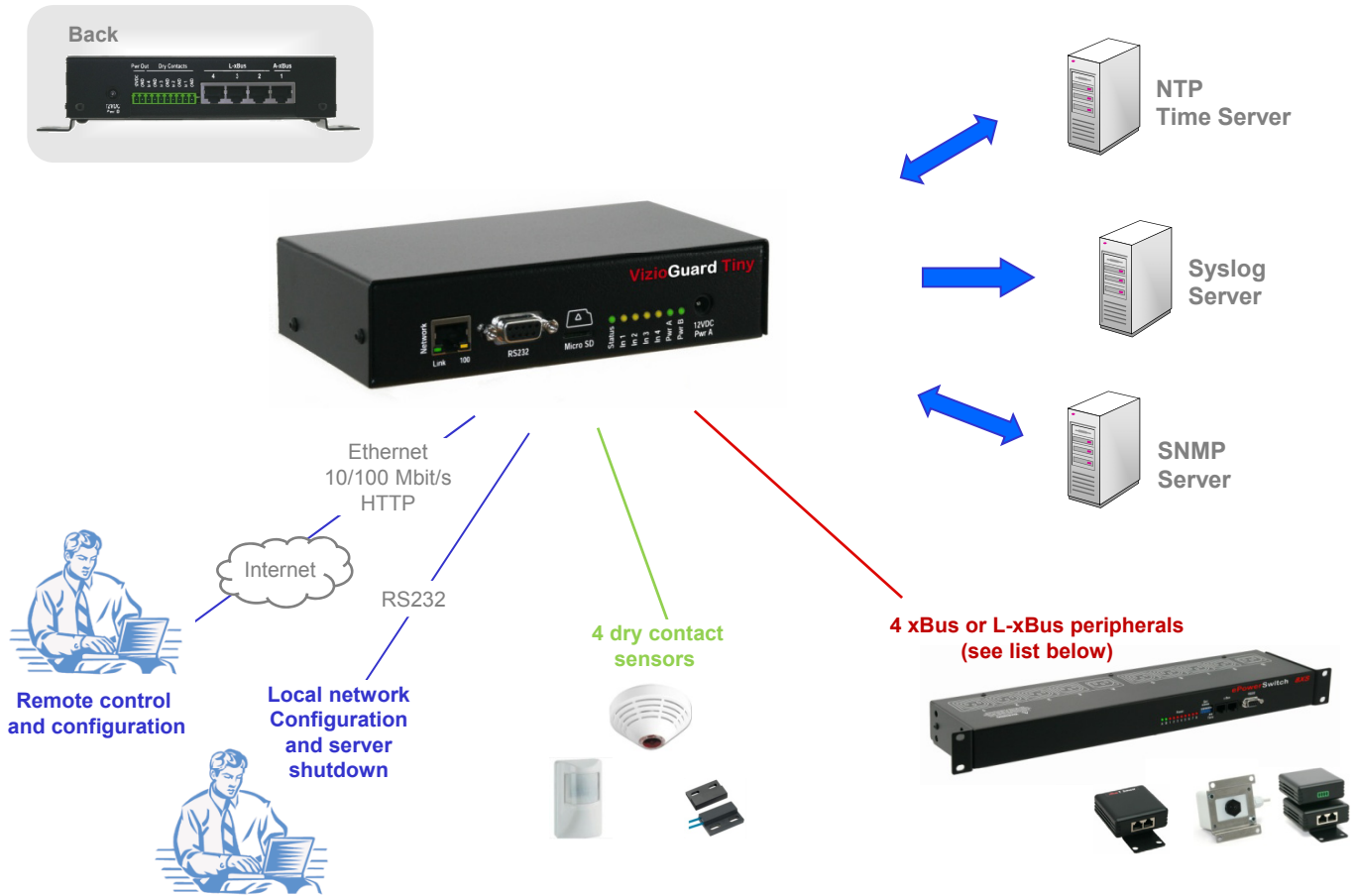
What's included

- ▶ 1 VizioGuard^{Tiny} Environmental Monitoring System
 - ▶ 1 cabinet mounting kit
 - ▶ 1 external power supply (12 Volts / 1 Amp)
 - ▶ 1 serial cable, SUD-9 M/F, 1.80 M
 - ▶ 1 RJ45 network cable, length 1.80 m
 - ▶ 1 CD-ROM with user guide in English and IP configuration tool
 - ▶ 1 Quick Start Guide in French and English

Technical specifications

- ▶ Network standards: IEEE 802.3, 10/100BASE-T
 - ▶ Network protocols: TCP/IP, HTTP
 - ▶ Network connection: RJ-45 for UTP CAT5
- ▶ Max. network cable length: 100 m (not included)
 - ▶ Serial connection: RS-232, SUB-D 9 female
 - ▶ Nominal power adapter voltage: 230 V/50Hz
 - ▶ 1 connector RJ45 female: 10/100 BASE T
 - ▶ 3 x L-xBus RJ45 female: for L-xBUS peripherals
 - ▶ 1 x A-xBus RJ45 female: for L-xBus or xBUS peripherals
 - ▶ 1 x SUB-D9F: RS232 serial Interface
 - ▶ 2 x power inputs: Power Input A (12 Volts / 1 A)
Power Input B (for redundant power supply)
 - ▶ 1 screw terminal bloc: 4 Digital Inputs for dry contact
1 power supply output 12VDC
 - ▶ 7 LED: Power, Network traffic, Digital input
 - ▶ Operating temperature: 0°C to +40°C
 - ▶ Operating humidity: 10% to 80%
 - ▶ Dimensions: 170 x 110 x 42 mm
 - ▶ Weight: 0,63 kg
- ▶ Approvals: CE, EN55022 & EN55024, RoHS
 - ▶ Guarantee: 2 years repair or replace

Schéma



VizioGuard^{Tiny} supports 4 of any following xBus or L-xBus peripherals:

L-xBus peripheral:

- temperature sensor (Tiny T-Sensor)



xBus peripherals:

Environmental sensors:

- temperature sensor (T-Sensor),
- temperature and humidity sensor (TRH-Sensor),
- temperature and proximity sensor (TP-Sensor),
- temperature and ambient light sensor (TL-Sensor)
- temperature and liquid detector (LIQ DETKIT),
- temperature and smoke detector (SMOKE DET KIT),
- temperature and movement detector (MOVE DET KIT)



Power control units:

- 1 port (ePowerSwitch 1XS)
- 8 ports (ePowerSwitch 8XS)
- 8 ports, dual 16A power inputs and current probe (ePowerSwitch 8XS /32)



1 to 32 power outlets

Input/module:

- 16 inputs for dry contacts (xBus DIM) for magnetic contact door, smoke detector, movement detector...



Output module:

- 8 relay output (xBus DOM)



Push button:

- Triggering of 2 emergency actions



Power measurement:

- power consumption measurement of 8 power outlets (EnergyMeter)
- current measurement of 1 power outlet (CP IEC)

