

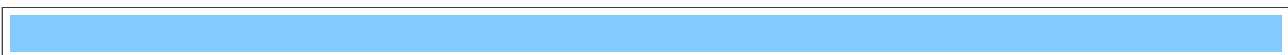
The screenshot displays the VUTLAN monitoring software interface. On the left is a sidebar menu with options like Overall stats, System tree, Outlets, Event log, Logic schemes, Cameras, Map, Users, CAN configuration, Graphs, Power management, Preferences, and System menu. The main area shows a 'System tree' with a 'List of modules and elements'. The tree includes 'System group', 'Logics', 'Onboard', 'Internal T°C' (42.7°C, High alarm), 'Internal DC' (12.2 V, High warning), 'Autodetect', 'Analog Power' (On), 'Pings', 'Timers', 'Triggers', 'Mails', 'SMSS', 'Traps', 'Cameras', 'USB Web camera' (Normal), and 'Block'. Below these are eight 'Outlet' items, all currently 'Off'. A 'Temperature' chart window is open, showing a line graph of temperature over time from 12:00 AM to 12:00 PM. The graph shows a peak temperature around 12:00 PM. Below the graph are buttons for 'Start', 'XML', 'CSV', 'OK', 'Apply', and 'Cancel'.



VT800

Environmental monitoring of any facilities, control of security breaches, temperatures, smoke, water leakages, voltages and more.

Compatible with all VT or SC sensors, it provides a complete environmental, access control and security monitoring solution.



VT800 Technical Data

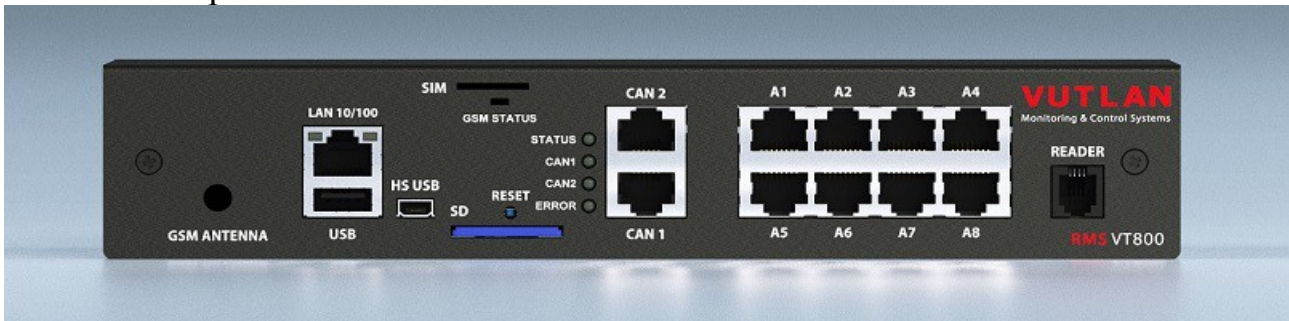


VT800 has a Linux Operating System running an iMX257 CPU. An additional up to 32 GB SD card can be installed to provide greater storage capacity. It is TCP / IP compliant and runs lighttpd web server including HTTPS (SSL), SMTP, DHCP, SNMP, FTP, Syslog, LDAP, Radius. It has multilanguage GUI interface for alerts configuration and data collection, that written on HTML5.

All SNMP functions including SNMP v.1, v.2c, v.3 are supported.

Also supports CANbus commands, easy to configure CAN data to SNMP gateway.

VT800 has Built-in Watchdog timer with NTP synchronisation and 12V power reservation input.



Up to 8 CAN devices can be connected to VT800. When plugged in, user need to configure CAN units, and save configuration, then after reboot or energy lost, the system automatically reconfigure sensors.

Using such CAN bus with max length 300 m, up to 100 different sensors can be connected to a single monitoring unit. Our easy to-use Replica programm allows user to setup all SNMP units within minutes.

When online, the sensors use 5 levels of threshold checking and report any status change.

- Freescale IMX257 processor
- 128 Megabytes of NAND Flash
- Onboard SD card slot
- Power reservation terminal
- Dry contacts port
- Alarm beacon 12V

- Ethernet 100 Mbit port
- 8 AutoSense RJ-12 ports
- 2 CAN extension ports
- USB HS port
- GSM modem port
- I-Touch reader

Connect up to 4 IP Cameras

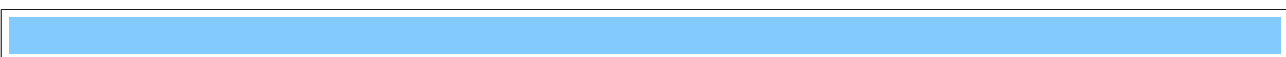
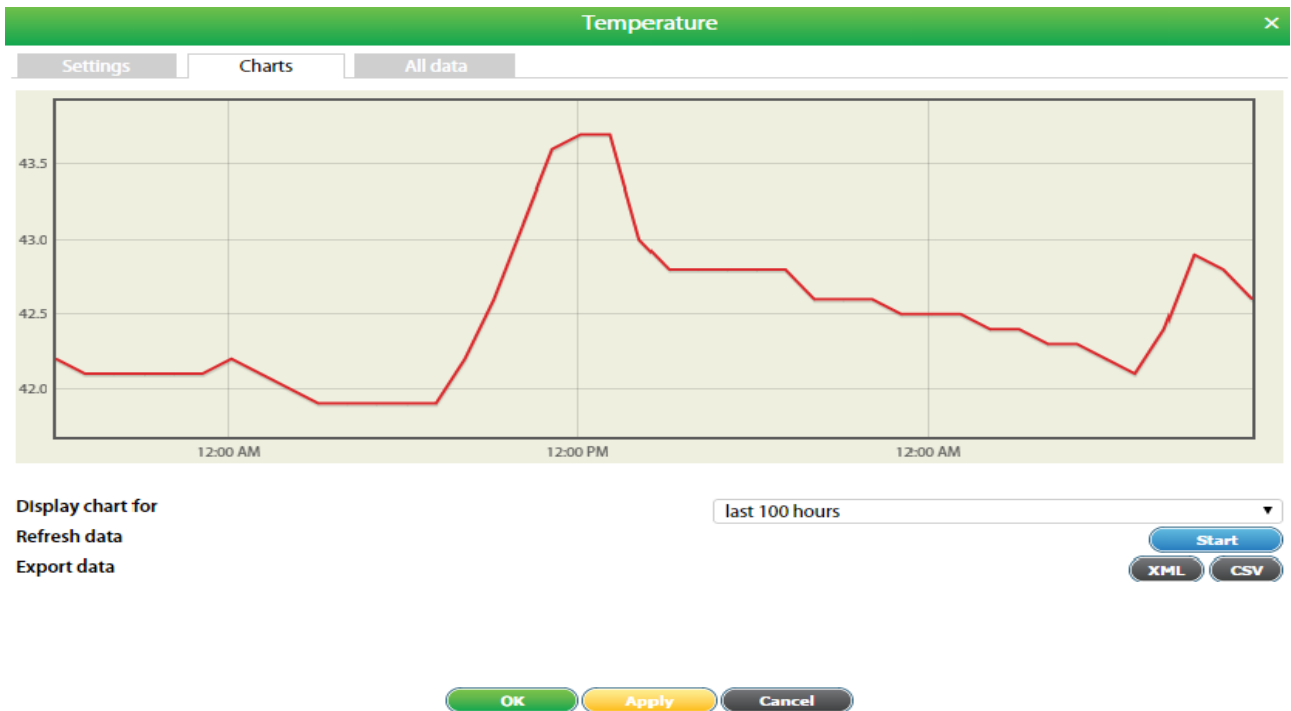
VT800 can display pictures from a maximum of four IP cams simultaneously in several sizes, up to 640x480 pixels resolution.



Sensor Graphing

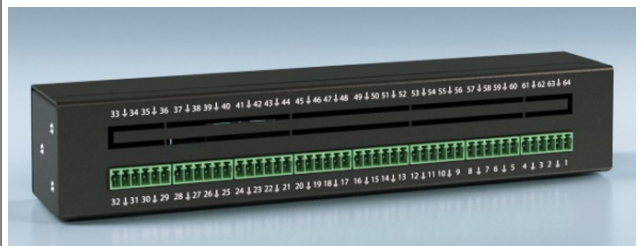
GUI integrates and displays graphs of all sensor data. The individual graph (seconds, minutes, hours, days) for each sensor type can be selected. RRD tool is used to build an embedded database of sensor data.

This data can be accessed in interface, or downloaded to Syslog or to FTP or saved on SD card.



CAN units

A few CAN devices can be connected to VT800. When plugged in, user need to configure CAN units and save configuration. After reboot or energy lost, the system automatically reconfigure digital CAN units and sensors. Using such CAN bus with max length 300 m, up to 128 dry contacts can be connected to a single monitoring unit on a distances up to 1 km from unit.



Our easy to-use Replica programm allows user to setup all SNMP units within minutes.

Notifications and alarms

Add new logic scheme

Scheme name:

Disable scheme:

Action	Element	State	Timeout	Repeat	Operator
IF	sc440-0016-dry1	alarm	not used	not used	THEN
THEN	Analog Power	on	none	once	END

Notifications and alarms can be configured in a Logic using the states of sensors, timers, triggers et cetera. The notification system can alert user of a problem via email, SMS or SNMP. VT800 can automatically send pictures and data if Logic is set up. The complete status of the unit and/or sensors can be taken through Http, SMS, or SNMP, saved on FTP and Syslog servers or on installed SD card.

VT800 authorization is going through the Radius and LDAP protocols, that highly increases resistance to forced attacks.

Used Network Management Systems

Nagios®

Current Network Status
 Last Updated: Mon Apr 7 14:22:04 CEST 2014
 Updated every 30 seconds
 Nagios® Core™ 3.5.1 - www.nagios.org
 Logged in as nagiosadmin

Host Status Totals

Up	Down	Unreachable	Pending
0	0	0	1
All Problems		All Types	
0		1	

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
3	2	0	1	0
All Problems		All Types		
3		6		

Service Status Details For Host 'test190'

Host	Service	Status	Last Check	Duration	Attempt	Status Information
test190	Internal Temperature	OK	04-07-2014 14:21:08	0d 0h 0m 56s	1/3	SNMP OK - Internal Temperature "38.4"
	PING	OK	04-07-2014 14:20:53	2d 23h 33m 29s	1/3	PING OK - Packet loss = 0%, RTA = 0.43 ms
	Sky Control Element Service	WARNING	04-07-2014 14:21:42	0d 0h 0m 36s	3/3	WARNING status - Internal DC(1002) = warning(12.2)
	Sky Control Table of Elements Service	CRITICAL	04-07-2014 14:21:31	0d 0h 0m 33s	1/3	CRITICAL The 4 alarms, 1 warnings
	Trap1	?	04-07-2014 13:34:05	0d 0h 47m 59s	1/1	1019 Trap (name: Trap1, ID: 1019) was worked. Time:
	UPTIME	OK	04-07-2014 14:21:38	0d 0h 1m 26s	1/3	SNMP OK - Uptime is Timeticks: (7776) 0:01:17.76

Limit Results: 100

Results 1 - 6 of 6 Matching Services

- HP Network Node Manager
- IBM Tivoli
- PRTG Network Monitor
- Open NMS
- ServersCheck

- Zabbix
- Nagios
- Cacti
- Cacti
- and many more

Support and Warranty

- Full Two Year Global Warranty
- Unlimited Lifetime Support.
- Free Firmware Updates.
- Full, Easy to Follow Documentation.

VT800 Features List

- Receive notifications of anomalous events via email, SMS / MMS, SNMP traps.
- Integrates with network management systems via SNMP v.1 and Encrypted SNMP v.3.
- Uses Linux operating system for maximum stability and flexibility.
- GUI for PC, smartphones and tablets; free firmware upgrades and utilities.
- Monitor up to 100 different sensors using expansion CAN units
- Compatible with full range of different third-party sensors
- Embedded web server displays sensor information and live video from connected cameras.

Specification

<p>Dimensions</p> <ul style="list-style-type: none"> • Size 215 x 44x 75 mm • 1U • Weight 1,7 Kg 	<p>Inputs</p> <ul style="list-style-type: none"> • Ethernet 100 Mbit/s • 2* CANbus extension • 8* Analog sensors • GSM modem • I-Touch reader • Dry contacts 	<p>Operating Environment</p> <ul style="list-style-type: none"> • Temperature : Min. -10° C - Max.80° C • Humidity : Min. 5% - Max. 80% (Non-Condensing)
<p>Power Requirements</p> <ul style="list-style-type: none"> • DC12V, 2A 	<p>Network Interface</p> <ul style="list-style-type: none"> • Ethernet 100 Mbit/s • CAN bus 	<p>Outputs</p> <ul style="list-style-type: none"> • Reader port 12V • GSM modem port • 16 dry contacts
<p>Mounting</p> <ul style="list-style-type: none"> • 19", desktop 	<p>Expansion Ports</p> <ul style="list-style-type: none"> • CAN RJ-12 	<p>Expansion Boards</p> <ul style="list-style-type: none"> • GSM modem • 16 dry contacts
<p>Power Consumption</p> <ul style="list-style-type: none"> • 6-18 Watt 	<p>Status Indicators</p> <ul style="list-style-type: none"> • LED indication for Power / Network / Error • LED indication for CAN bus connection 	<p>Components</p> <ul style="list-style-type: none"> • Manufactured in EU.

