

Product launch bulletin

Vizulinx

Kentec is proud to announce the launch of the latest addition to its product range.


Product Info


Vizulinx is a gateway module which provides email and SMS messaging capability upon receipt of an event from a fire alarm / extinguishing control panel. The input from the fire panel can be either RS232 serial data from the Syncro family panels or up to 16 switched GPIO inputs from other fire panels (including Taktis). A simple setup wizard is used to configure the product, by means of an embedded web server. Complex configuration options are also available using the same server, to allow full customisation to suit site requirements.


In addition to the email and SMS messaging, Vizulinx also supports Modbus over IP, with 1000 registers as default. Additional 1000 point registers are available by licence upgrades, up to a maximum of 10000 points


Vizulinx		
Brief Description	USP's	Release Criteria
<ul style="list-style-type: none"> • Fire alarm management solution to monitor fire system activity remotely • Email, SMS and Modbus message formats 	<ul style="list-style-type: none"> • Simple embedded configuration utility • Connectivity via IP and GSM • Modbus capability included • No annual licence fees 	<ul style="list-style-type: none"> • Not to be used for ARC signalling


Products

Brief Description	Release Information
<p>Vizulinx Gateway Unit – Stand Alone</p>  <p>The image shows a white rectangular device with various ports and labels. The top panel has labels for 'FIRE PANEL', 'INPUTS 1-8', 'USB', 'RS232', 'ETHERNET', and 'GSM'. The front panel features a green terminal block on the left and several ports on the right. Two white plastic covers are placed to the right of the device.</p>	<ul style="list-style-type: none"> • Supplied with ferrite bead for 24V power input filtering • 16 GPIO inputs for connection to panel relay outputs • RS232 serial interface for connection to Syncro / Syncro AS serial port for device level monitoring / reporting • Ethernet connection for E-mail and SMS via IP • Ethernet connection for Modbus via IP • USB connection for GSM module • Email messaging via LAN • SMS via LAN or USB GSM Modem • 1000 Modbus registers as standard • Additional Modbus registers unlocked by licence (9 x 1000 point licences per unit)
<p>Product K85000</p>	

Brief Description	Release Information
<p>Vizulinx Gateway Unit – Installed in M2 Grey Enclosure</p>  <p>The image shows a grey metal enclosure with its door open. Inside, the Vizulinx Gateway Unit is mounted on a DIN rail. The unit is connected to various cables, including power, data, and communication lines. A power supply unit is also visible inside the enclosure.</p>	<ul style="list-style-type: none"> • Supplied with 2.5A power supply • Power supply fault monitoring via Vizulinx interface • 16 GPIO inputs for connection to panel relay outputs • RS232 serial interface for connection to Syncro / Syncro AS serial port for device level monitoring / reporting • Ethernet connection for E-mail and SMS via IP • Ethernet connection for Modbus via IP • USB connection for GSM module • Email messaging via LAN • SMS via LAN or USB GSM Modem • 1000 Modbus registers as standard • Additional Modbus registers unlocked by licence (9 x 1000 point licences per unit)
<p>Product K85000M2</p>	

Brief Description	Release Information
<p>Vizulinx Gateway Unit – Installed in AM3 Red Enclosure – 110V Power Supply</p> 	<ul style="list-style-type: none"> • Supplied with 2.5A power supply (110V) • Power supply fault monitoring via Vizulinx interface • 16 GPIO inputs for connection to panel relay outputs • RS232 serial interface for connection to Syncro / Syncro AS serial port for device level monitoring / reporting • Ethernet connection for E-mail and SMS via IP • Ethernet connection for Modbus via IP • USB connection for GSM module • Email messaging via LAN • SMS via LAN or USB GSM Modem • 1000 Modbus registers as standard • Additional Modbus registers unlocked by licence (9 x 1000 point licences per unit)
<p>Product K85110AM3</p>	

Brief Description	Release Information
<p>Vizulinx Gateway Unit – Installed in AM3 Red Enclosure – 240V Power Supply</p> 	<ul style="list-style-type: none"> • Supplied with 2.5A power supply (240V) • Power supply fault monitoring via Vizulinx interface • 16 GPIO inputs for connection to panel relay outputs • RS232 serial interface for connection to Syncro / Syncro AS serial port for device level monitoring / reporting • Ethernet connection for E-mail and SMS via IP • Ethernet connection for Modbus via IP • USB connection for GSM module • Email messaging via LAN • SMS via LAN or USB GSM Modem • 1000 Modbus registers as standard • Additional Modbus registers unlocked by licence (9 x 1000 point licences per unit)
<p>Product K85240AM3</p>	

Brief Description	Release Information
<p>BMS 1000 point Licence Upgrade</p> 	<ul style="list-style-type: none"> • Expands the basic Vizulinx unit to give an additional 1000 Modbus points • Up to 9 licence modules can be unlocked per unit • 10,000 point maximum capacity per Vizulinx unit • Points are mapped in blocks of 250 points for each loop • Non sequential loop allocation is supported (i.e. Panel 1, loop 1, 2, 3 plus Panel 2 loop 1 = 1000 points)
<p>Product</p> <p>K85001BLU</p>	

Product Summary

Product	Description
K85000	Vizulinx Gateway Unit – Stand Alone
K85000M2	Vizulinx Gateway Unit – Installed in M2 Grey Enclosure
K85110AM3	Vizulinx Gateway Unit – Installed in AM3 Red Enclosure – 110V Power Supply
K85240AM3	Vizulinx Gateway Unit – Installed in AM3 Red Enclosure – 110V Power Supply
K85001BLU	BMS 1000 Point Licence Upgrade

Future expansion

The following Vizulinx additional features are under development:

- BacNet building management systems (BMS) protocol
- High level serial interface with the Taktis range of panels
- K85001RLU - Radio System Licence Upgrade
- K85001ELU - ESPA Systems Licence Upgrade
- K85001SLU - Speech Dialler Licence Upgrade
- K85001GSM – GSM module hardware upgrade
- K85001PLU – Scope Paging Systems Licence Upgrade

Dependencies

K85001BLU is a licence upgrade for the Vizulinx gateway and needs a working gateway unit to be applied. It is a software licence unlock function, to activate additional Modbus BMS points within the gateway. A maximum of 9 x K85001BLU can be applied to any gateway unit.

The Modbus BMS points are enumerators and therefore can be used to show all currently active events for the detection device they are mapped to. Each Modbus point can display up to 10 status flags – Normal, Fire, Evacuate, Pre-Alarm, Fault, Disablement, test, security alarm and technical alarm status for the associated device.

If there is a requirement for more than 10,000 Modbus BMS points, then additional Vizulinx units will need to be installed on remote networked Syncro panels. It is not possible to serially connect more than one Vizulinx unit to a Syncro panel using serial data.

Documentation

Is available on the Kentec website www.kentec.co.uk

[Vizulinx webpage](#) – Contains datasheet, manuals and Quick Start guides

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