VIZULINX

Fire Alarm Management Solution

Features

▸ Multi-functional gateway for use with Kentec fire alarm systems

▸ Configuration through embedded web server - no additional software required

▸ EZ configuration feature enables quick and easy starting setup

▸ Remote notification of fire alarm system status/events via e-mail or SMS

▸ SMS and E-mail messages are user customisable to suit requirements

▸ Easy register/unregister for SMS notifications

▸ System integration capabilities via Modbus TCP/IP or BACnet IP protocols*

▸ Downloadable diagnostic information

▸ Field upgradeable firmware

▸ Compatible with the current range of Kentec addressable and conventional panels using IP, Serial or GPIO connectivity

BACnet support currently only available for Taktis systems

Module only: K85000

Description

Highly configurable using an embedded web server and EZ configuration wizard Vizulinx provides a whole range of options for remote monitoring and system integration of Kentec fire alarm systems.

SMS text messaging can be provided using LAN or USB GSM connectivity. E-mail messaging can be provided using LAN or USB GSM/Wi-Fi connectivity. Both communication methods can provide immediate notification to managers, staff, maintenance and service engineers of a change in panel status i.e. alarm, fault etc. wherever they are. Earlier notification enables a more effective response which can reduce system downtime and improve false alarm management.

Format of e-mail and SMS messages are user configurable, information shown in the message can be customised as required.

Integration of Kentec fire alarm systems with other building equipment such as controllers for ventilation, lifts etc. is essential and Vizulinx provides easily configurable solutions using Modbus TCP/IP or BACnet IP protocols.

Vizulinx enables Kentec fire alarm systems to send status messages to other equipment which are part of Building Management (BMS) or Building Automation and Control systems using the above protocols.
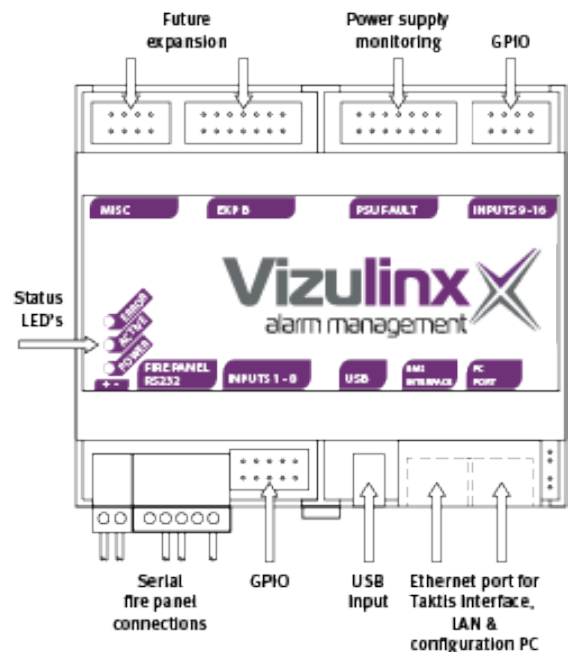
Modbus – Up to 9999 Modbus addresses can be configured on Vizulinx relating to Panel, Zone and Loop device status. For addressable systems 500 Panel addresses, 500 zone addresses and 1000 pre-configured loop device addresses are provided free with the Vizulinx module. Additional Modbus addresses can be unlocked on the Vizulinx module by purchase of a Modbus license update code, each license will unlock an additional 1000 Modbus addresses.

BACnet - Uses Object IDs to identify panels, zones and devices, on a BACnet protocol network. Vizulinx provides 2000 zone object IDs, 128 panel object IDs and 500 object IDs for loop devices (Separate Object IDs are allocated to addresses and sub-addresses). Additional object IDs for loop addresses and sub-addresses can be unlocked by purchase of a BACnet upgrade license code, each license code will provide an additional 500 object IDs (BACnet currently available for Taktis systems only)

Vizulinx can be used with Kentec's full range of Addressable and Conventional fire alarm systems.
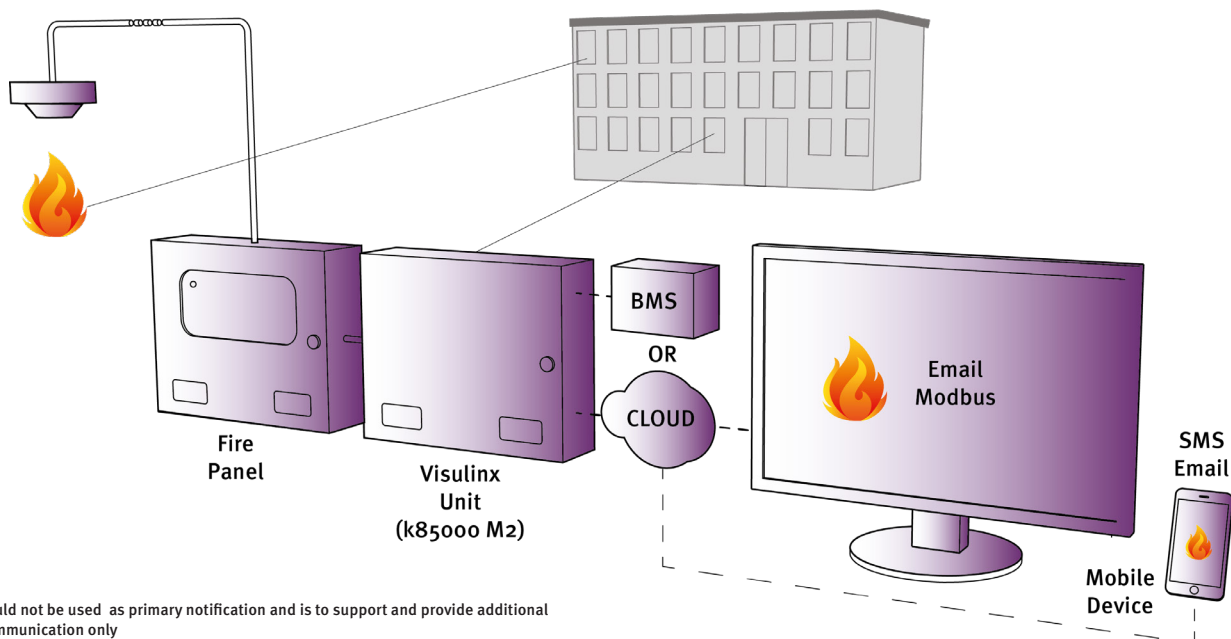

Housed version: K85000 M2

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Equipment

Product Code	Description	Colour	Size WxHxD (mm)
K85000	Vizulinx - Module only	N/a	106 x 90 x 32
K85000 M2	Vizulinx - Housed version (M2)	Powder coat - Grey (Bs-00-A-05)	385 x 310 x 90
K85110 AM3	Vizulinx - Housed version (AM3) 110V AC	Powder coat Red (RAL 3002)	369 x 481 x 110
K85240 AM3	Vizulinx - Housed version (AM3) 240V AC	Powder coat Red (RAL 3002)	369 x 481 x 110

Specifications

K85000	Module operating voltage	9 - 30V DC
	Module current consumption	200mA max @ 9V DC, 80mA max @ 30V DC
	Processor	AM3354 CPU 300-800-Mhz
	RAM	512MB
	1x USB type port	Supports third party dongles for GSM and Wi-Fi connectivity
	2x Ethernet ports	Configurable For connection to LAN and configuration PC: Ethernet 0: Default setting static IP (192.168.100.250) Ethernet 1: Default setting DHCP
	Isolated RS232 port (GPIO)	Avoids ground faults
	16x General Purpose input/out-puts	Inputs: 0v triggered, Outputs: default high switch low (0v). Provided in two groups of 8.
	3x Status LED's	Power (green), amber (activity), red (error)
	Packaged weight	1kg
K85000 M2 K85110 AM3 K85240 AM3	Power supply input voltage	K85000M2/K85240 AM3 - 230V AC +10%/-15% K85110 AM3 - 110V AC
	Power supply output current	2.5A (continuous)
	Standby battery capacity	K85000 M2 - 2 x 12V 7Ah SLA batteries (Yuasa NP) K85110 AM3/K85240 AM3 - 2 x 12V 12Ah SLA batteries (Yuasa NP)
	Packaged weight	3kg

Vizulinx Integrating Fire Saftey

Fire Panel

Visulinx Unit (k85000 M2)

BMS OR CLOUD

Email Modbus

SMS Email

Mobile Device

Vizulinx should not be used as primary notification and is to support and provide additional means of communication only

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