

Vizulinx Gateway



Module only: K85000



Housed version: K85110AM3

STANDARD FEATURES

- Multi-functional gateway for use with Hochiki fire alarm systems
- Configuration through embedded web server - no additional software required
- EZ configuration feature enables quick and easy starting setup
- System integration capabilities via Modbus IP or BACnet IP protocols*
- Downloadable diagnostic information
- Field upgradeable firmware
- Compatible with the current range of Hochiki addressable and conventional panels using IP, Serial or GPIO connectivity

* BACnet support currently available for Latitude systems

APPLICATION

Integration of Hochiki fire alarm systems with other building equipment such as controllers for elevators, HVAC, access control, etc. is essential, and Vizulinx provides easily configurable solutions using Modbus IP or BACnet IP protocols. Vizulinx enables Hochiki 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..

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 Hochiki fire alarm systems.

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 Latitude systems only)

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

VIZULINX SPECIFICATIONS

K85000	Module Operating Voltage	9 - 30V DC
	Module Current	200mA max @ 9V DC, 80mA max @ 30V DC
	Processor	AM3354 CPU 300-800-Mhz
	RAM	512MB
	USB Ports (1)	Support for future enhancements
	Ethernet Ports (2)	Configurable for connection to a LAN and the configuration PC Ethernet 0: Defaulted to Static IP (Connect to Latitude or a switch) Ethernet 1: Defaulted to DHCP (Connect to BMS system)
	16 General Purpose input/outputs	Provided in two groups of 8 Inputs: 0v triggered (Short to a 0v terminal) Outputs: defaults high, switches to low (0v)
	Status LED's	Power (green), Amber (activity), Red (error)
	Dimensions	6.3" x 3.55" x 1.26" (106mm x 90mm x 32mm) (W x H x D)
K85000 M2 K85110 AM3 K85240 AM3	Packaged Weight	2.2lbs (1kg)
	Power Supply Input Voltage	240vAC, +10%/-15% (K85000M2 and K85240 AM3) 120vAC (K85110 AM3)
	Power Supply Output Current	2.5A (continuous)
	Standby Battery Capacity	Two 12v 7Ah SLA (K85000 M2) (Yuasa NP) Two 12v 12Ah SLA (K85110 AM3 and K85240 AM3) (Yuasa NP)
	Dimensions	M2 Cabinet: 15.2" x 12.2" x 3.5" (385mm x 310mm x 90mm) (W x H x D) M3 Cabinet: 14.5" x 19" x 4.3" (369mm x 481mm x 110mm) (W x H x D)
	Packaged weight	6.6lbs (3kg)

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

PART NUMBERS

Item Number	Description
0101-04590	K85000 Vizulinx Gateway unit - Stand-alone (module only)
0101-04640	K85000M2 Vizulinx Gateway Unit Installed in a Grey M2 Cabinet
0101-04650	K85110AM3 Vizulinx Gateway Unit installed in a Red M3 Cabinet- 110vAC Power Supply
0101-02730	K85240AM3 Vizulinx Gateway Unit Installed in a Red M3 Cabinet - 240vAC Power Supply
0101-04594	K85001BLU Vizulinx BMS 1000 Address License Upgrade - MODBUS
0101-04630	K85001BAC Vizulinx 500 Object ID License Upgrade - BACnet