



The Dual Redundancy Network System Manager unit is designed to provide overall system governance of the VEB Network PA System. The unit will provide the user interface for system initialization steps such as; VEB unit nodes search, VEB units address configuration, zone configuration and audio pattern routing.

The VEB Series Network System manager will provide overall system status via its User Interface and event logging. All the event logs and reports can be retrieved at any time. The Network system manager also allows the setting up of user access and passwords to the Network PA system.

The Network System Manager can also act as a time scheduler with pre-recorded messages as well as a background music source with up to 3 channels of background music streaming. All pre-recorded messages and music files will be stored on board an SSD Hard-drive in the VEB 14-IPC Unit. The unit also has a Text to Stream capability allowing pre-corded messages to be stored and edited whenever required. Alternatively messages can also be recorded and stored in MP3 format. Utilizing the on-board SSD Hard-drive, the capacity for the number of messages are practically limitless.

The VEB Server has capabilities to integrate with any external systems and supports a number of protocols drivers;

- Web Services
- XML/SOAP
- MODBUS/TCP/BACnet
- OPC/DA 2.0
- ODBC
- Direct SQL Database Access

In compliance with emergency evacuation requirements, the unit will store the evacuation messages and provide event logging, announcement logging and fault monitoring of all critical components within the system.

The VEB 14-IPC, supports a Dual Redundancy Server configuration, whereby 2units of VEB 14-IPC can be installed in a single system. This fully hot standby redundancy solution is suitable for projects that require the utmost in system integrity and zero downtime. Failure to one of the VEB 14-IPC server would not cause any disruption to the system as the standby VEB 14-IPC will take over.



VEB 14-IPC



Technical Specification

	VEB 14-IPC
Central Processing Unit	Intel® Core™ i3-8100 Processors, 6M Cache, 3.60GHz
Memory	512M x 64-bit (4GB) DDR4-2400 CL17 SDRAM
Drive	SATA SSD
Network Interface	10/100Mbit Ethernet
Network Protocol	VectusNET
Operating System	Windows Server 2012
System Audio Buses	32 Audio Buses
Maximum Network Microphones connected to network	Up to 60 network microphones
System Audio Output channels	Up to 128 Audio Output Channels
Speaker Zones	Unlimited
System Control Inputs	Up to 600 Control Inputs
System Control Outputs	Up to 600 Control Outputs
System Features	PC Paging Text Streaming Time Scheduling Graphic Zone Selection
Communication Interface	XML/SOAP Web Services
Server Redundancy	Cluster Computing Network Load Balancing
Connectors	1 x PS/2 keyboard/mouse combo port(s) 1 x DVI-D 1 x D-Sub 1 x HDMI 1 x LAN (RJ45) port(s) 2 x USB 3.1 Gen 1 (blue) Type-A up to 5Gbps 2 x USB 2.0 3 x Audio jack(s)
Indicator	Power LED
Power Supply	220 – 240Vac mains 50/60Hz
Operating Temperature	20 – 80 °C
Material & Finish	Mild Steel Casing, Textured Black
Dimensions	483 x 86 x 200 mm (W x H x D)
Weight	4.6 kg