



The 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 routings. 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 Harddrive in the VEB 12-IPC Unit.

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 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 to 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 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.



VEB 12-IPC



Technical Specification

	VEB 12-IPC
Central Processing Unit	Intel® Core™ i3-8100 Processors, 6M Cache, 3.60GHz
Memory	512M x 64-bit (4GB) DDR4-2400 CL17 SDRAM
Drive	120GB SATA SSD
Network Interface	10/100Mbit Ethernet
Network Protocol	VectusNET
Operating System	Windows 10 IoT Enterprise
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 Volume control Status system User / Password for logging Events logs Sound recording Reporting
Communication Interface	XML/SOAP Web Services
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
Backup Power	UPS
Maximum Input Power	528W
Power Consumption	120W
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