



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

	<b>VEB 12-IPC</b>
<b>Central Processing Unit</b>	Intel® Core™ i3-8100 Processors, 6M Cache, 3.60GHz
<b>Memory</b>	512M x 64-bit (4GB) DDR4-2400 CL17 SDRAM
<b>Drive</b>	120GB SATA SSD
<b>Network Interface</b>	10/100Mbit Ethernet
<b>Network Protocol</b>	VectusNET
<b>Operating System</b>	Windows 10 IoT Enterprise
<b>System Audio Buses</b>	32 Audio Buses
<b>Maximum Network Microphones connected to network</b>	Up to 60 network microphones
<b>System Audio Output channels</b>	Up to 128 Audio Output Channels
<b>Speaker Zones</b>	Unlimited
<b>System Control Inputs</b>	Up to 600 Control Inputs
<b>System Control Outputs</b>	Up to 600 Control Outputs
<b>System Features</b>	PC Paging Text Streaming Time Scheduling Graphic Zone Selection Volume control Status system User / Password for logging Events logs Sound recording Reporting
<b>Communication Interface</b>	XML/SOAP Web Services
<b>Connectors</b>	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)
<b>Indicator</b>	Power LED
<b>Power Supply</b>	220 – 240Vac mains 50/60Hz
<b>Backup Power</b>	UPS
<b>Maximum Input Power</b>	528W
<b>Power Consumption</b>	120W
<b>Operating Temperature</b>	20 – 80 °C
<b>Material &amp; Finish</b>	Mild Steel Casing, Textured Black
<b>Dimensions</b>	483 x 86 x 200 mm (W x H x D)
<b>Weight</b>	4.6 kg