



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 initialisation 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 6 channels of background music streaming. All pre-recorded messages and music files will be stored on board an SSD 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. Utilising the on-board SSD, the capacity for the number of messages are practically limitless.

The VEB Server has capabilities to integrate with any external systems and support a number of protocols drivers; It current only supports MODBUS, but more will be added soon.

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 2 units 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-CF



## Technical Specification

	<b>VEB 14-IPC-CF</b>
<b>Central Processing Unit</b>	Intel® Core™ i3-12100 Processors, 12M Cache, 4.30GHz
<b>Memory</b>	4GB DDR4-2666
<b>Drive</b>	250GB SATA SSD
<b>Network Interface</b>	10/100/1000Mbit Ethernet
<b>Network Protocol</b>	VectusNET
<b>Operating System</b>	Windows 10 Enterprise LTSC 2021
<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 1 x DisplayPort 1.4 1 x HDMI 1 x LAN (RJ45) port 2 x USB 3.2 Gen 1 (blue) Type-A up to 5Gbps 2 x USB 2.0 3 x Audio jack(s) - Line In / Front Speaker / Microphone
<b>Indicator</b>	Power LED
<b>Power Supply</b>	220 – 240Vac mains 50/60Hz
<b>Operating Temperature</b>	20 – 45 °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