



The Dual Redundancy Network System Manager unit is designed to provide overall system governance of the VEB Network PA System. The unit offers a user interface for system initialization steps such as VEB unit nodes search, VEB units address configuration, zone configuration, and audio pattern routing. Compliance with EN 54-16 ensures that the system meets the stringent safety and performance standards required for voice alarm control and indicating equipment, making it suitable for critical applications.

The VEB Series Network System Manager provides overall system status via its User Interface and event logging. All event logs and reports can be retrieved at any time.

The Network System Manager also allows the setup of user access and passwords to the Network PA system.

Additionally, the Network System Manager functions as a time scheduler with pre-recorded messages and serves as a background music source with up to 6 channels of streaming. All pre-recorded messages and music files are stored onboard an SSD in the VEB 14-IPC Unit. The unit also features Text to Stream capability, allowing pre-recorded messages to be stored and edited as needed. Alternatively, messages can be recorded and stored in MP3 format. With the onboard SSD, the capacity for storing messages is practically limitless.

- The VEB Server integrates with external systems and supports protocol drivers, currently including MODBUS with more to come.
- It stores evacuation messages, provides event and announcement logging, and monitors faults in critical components.
- Compliance with EN 54-16 ensures the VEB Server meets rigorous safety standards for voice alarm control and indicating equipment.
- The VEB 14-IPC supports Dual Redundancy, allowing two units in one system with hot standby functionality to ensure zero downtime, as the standby unit takes over automatically in case of failure.



VEB 14-IPC-CF



Technical Specification

| | VEB 14-IPC-CF |
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| Central Processing Unit | Intel® Core™ i3-12100 Processors, 12M Cache, 4.30GHz |
| Memory | 4GB DDR4-2666 |
| Drive | 250GB SATA SSD |
| Network Interface | 10/100/1000Mbit Ethernet |
| Network Protocol | VectusNET |
| Operating System | Windows 10 Enterprise LTSC 2021 |
| 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 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 |
| Indicator | Power LED |
| Power Supply | 220 – 240Vac mains 50/60Hz |
| Operating Temperature | 20 – 45 °C |
| Material & Finish | Mild Steel Casing, Textured Black |
| Dimensions | 483 x 86 x 200 mm (W x H x D) |
| Weight | 4.6 kg |