

DATA SHEET

VOCIA® VOIP-1

VOICE OVER IP INTERFACE



The Vokia Voice over IP Interface (VoIP-1) facilitates a direct connection from SIP-based VoIP extensions. The interface permits live, real-time Paging using any Page Code within the Vokia system. When calling into a VoIP line, a number of software configurable voice prompt functions are available including Page Code selection, Zone status indication and Page Now indication. A DTMF sequence of tones can also be programmed in the software to be associated with a Vokia Control Input Event. The VoIP-1-2 features support for up to two VoIP lines and the VoIP-1-4 supports up to four lines. In the event of a busy Zone status, the VoIP-1 supports Page stacking and Store-and-Forward message queuing. The VoIP-1 supports Pre-recorded Messages when a Message Server 1 (MS-1) is present in the system. The VoIP-1 also supports Emergency Paging functions when a Vokia Life Safety Interface (LSI-16 or LSI-16e) is present in the system.

BENEFITS

- Direct Paging connection from a VoIP system into the Vokia platform
- Configurable for two or four VoIP lines to allow flexibility in building the system
- Page stacking and Page Store-and-Forward functionality

FEATURES

- Configurable with two or four VoIP lines
- Multiple codec support
- Device monitoring
- Power via dual 24V DC inputs (redundant inputs)
- Software-configurable signal processing
- Rack mountable (1RU)
- CobraNet® control over a single Ethernet cable
- Dual CobraNet ports for redundancy
- Rotary switches for device identification
- IP30 compliant
- CE marked, UL listed and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The Voice over IP interface device shall be designed exclusively for use with Biamp® Vocola® systems. It shall integrate with SIP-based VoIP call managers as a third party SIP extension. Front panel indicators shall provide Fault and Status indications as well as Status and in-use indication for each VoIP line. The unit shall support two or four VoIP lines with software-configurable level controls for inputs, preambles and prompts. Signal processing shall include five-band parametric equalization, compression and PIN code access per line. The device shall permit call actions to be associated with Vocola virtual control actions to enable DTMF control of Vocola Control Events. Programmable voice prompts shall be available for menu-driven call prompts. The device shall allow Paging Preambles to be applied and shall support Page stacking and Store-and-Forward functionality. Full logging of the unit status shall be reported to the Vocola network. It shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The Voice over IP interface shall be a Vocola VoIP-1.

VOCIA VoIP-1 SPECIFICATIONS

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|-------------------------------|--|---|---|
| Network Connection: | Dual RJ-45 with shielded Ethernet (CAT5, CAT5e, CAT6, or CAT7) | Power: | 24V DC; <100mV Ripple (Max 30W) |
| Network Audio: | 20-bits, 48kHz, 5-1/3ms (fixed) | Overall Dimensions: | |
| VoIP Card: | | Height: | 1.75 inches (44 mm) |
| Supported Codecs: | G.711μ G.711A G.722 G.729AB G.723.1 | Width: | 19 inches (483 mm) |
| Sample Rate: | 8kHz - 16kHz | Depth: | 9 inches (228 mm) |
| Frequency Response: | Codec Dependent | Weight: | 2.4 lbs (1.1 kg) |
| VoIP Features: | SIP v2 (RFC 3261 and companion RFCs) SIP Authentication | Environment: | |
| Network Features: | | Ambient Operating Temperature Range: | 18-108° F (-8 - 42° C) |
| IP Address Assignment: | Static or DHCP | Humidity: | 0 - 95% non-condensing |
| QoS: | Tos (RFC 791) 802.1 p/q | Altitude: | 0-10,000 Feet (0-3000 meters) MSL |
| | | Compliance: | FCC Part 15B (USA) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe) |

VOCIA VoIP-1 BACK PANEL

