zenitel

DATASHEET

1008095100

IP-ARIO

IP Audio Remote I/O Unit



Description

- PA Interface over IP
- Radio Interface over IP
- Remote I/O unit over IP
- Remote AlphaCom RS232 port over IP
- Integrated 2-port Ethernet switch
- PoE and/or 24VDC powered

The AlphaCom IP Audio Remote I/O unit (IP-ARIO) is designed with a wide set of hardware functions, and can be used as a PA Interface, a Radio Interface or as a pure IP-based Remote I/O Unit.

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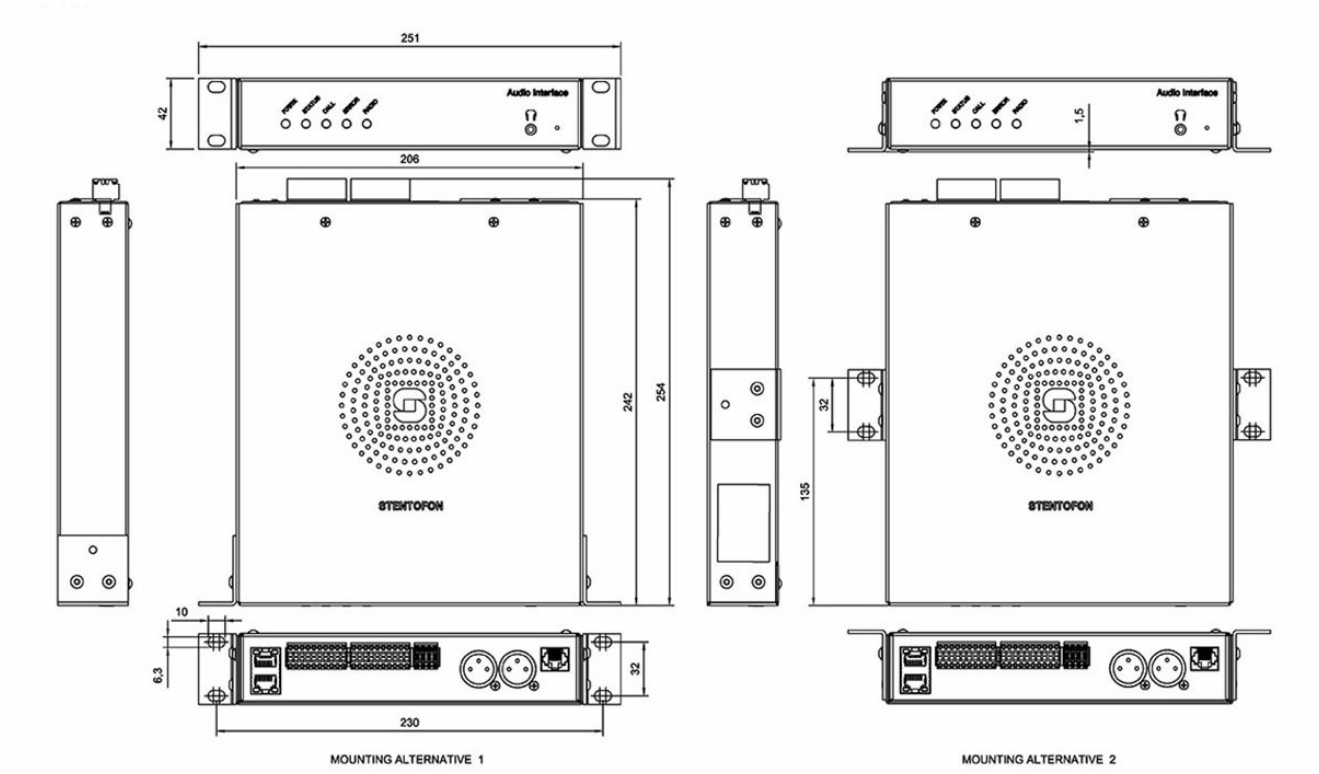
As a PA interface, the IP-ARIO unit provides an audio and signalling interface between PA amplifiers and the AlphaCom server/exchange. The IP-ARIO unit features two parallel PA audio outputs, enabling the connection of two PA amplifiers. It will provide speaker loop monitoring inputs for each amplifier, as well as additional inputs for the monitoring of PA amplifiers and/or other system components.

As a radio interface, the IP-ARIO unit provides audio and signalling. The unit has a headset connection for listening in on conversations. It features audio in/out, 12V radio "On" signalling as well as a remote AlphaCom RS232 port for signalling.

The IP-ARIO unit has an integrated managed data switch providing advanced networking and security features. This enables you to deliver instant, efficient, and secure voice and data services in an IP environment.

To provide maximum availability, the IP-ARIO unit comes with advanced supervision functions. The line test will detect if there are any faults in the network or in the IP-ARIO electronics. The status is shown on LED indicators as well as reported to AlphaWeb or to 3rd party management systems using SNMP, Syslog, and OPC.

Technical Dimensions



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Specifications

GENERAL

Dimensions (WxHxD)	210 x 44 x 240 mm (8.3 x 1.7 x 9.4 inches)
Weight	1.5 kg / 3.3 lbs
Mounting	Rack mounting 1U shelf, wall mount
Temperature range	0˚C - 55˚C
Relative humidity	< 95% not condensing
Power	Power over Ethernet, IEEE 802.3 a-f, Class 0, Local power 19 – 27V DC
Connectors	RJ45 – Ethernet and RS232, XLR – PA amplifier , Pluggable terminals – Inputs, outputs, local power
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), VLAN (IEEE 802.1pq), Network Access Control (IEEE 802.1x), STP (IEEE 802.1d), RSTP (IEEE 802.1d-2004)
IP Protocols	IP v4 – TCP – UDP – HTTPS – TFTP – RTP – RTCP – DHCP – DiffServ – TOS – Vingtor-Stentofon CCoIP®
Audio Technology	Wideband 200 Hz - 7 kHz (G.722)
PA interface	Dual Balanced 600 Ohm 0dB audio out (adjustable 0 to - 10 dB)
	Single 600 Ohm 0dB

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Radio interface	Single 600 Ohm 0dB audio in/out (adjustable 0 to -10 dB)
Management and Operation	HTTPS (Web configuration), DHCP and static IP, TFTP (firmware and configuration download), SNMP (monitoring)
Advanced features	Dual port Managed Ethernet switch, AlphaCom RS232 port, Speaker loop monitoring
LED indicators	5 LED status indicators in front panel, indicating power, call, status, fault, Radio Rx/Tx
Digital inputs	8 inputs (2 referred to GND, 6 shorting or referred to GND) Input level 5-24V (if referred to GND) Protected to 27V
Digital outputs	8 relays (4 closing, 4 change-over) Max. switching power 30W (DC) / 60VA (AC) Max. current 1A , Max. voltage 60VDC / 120VAC

Used With

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IP-ARIO Audio License

Item Number: 100964160X



ILS-ARIO

IP-ARIO License

Item Number: 1002600400

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