1023321311

ZIPS-H

Zenitel IP Speaker - Horn

- ✓ Zenitel Audio Presence - crystal clear audio
- ✓ Protected from dust and Water - IP66
- ✓ Speaker-as-mic Technology
- ✓ External RJ45 connection
- ✓ Max. SPL: 120 dBA (1m)
- ✓ Ideal for Micro Zone PA and systems that require a limited number of speakers
- ✓ Each speaker is individually addressable and monitored
- ✓ ONVIF Compatible
- ✓ Ideal for speakers installed in remote locations, e.g. roads and railways
- ✓ Remote software upgrade and configuration
- ✓ Relay output for remote control, e.g. doors, signal lamps, gates
- ✓ Powered from the IP network cable using Power over Ethernet (PoE)
- ✓ Ideal for Building Security, Infrastructure and Industrial projects

SIP | IC-EDGE IC-Edge | ICX-AlphaCom | IP66 Audio | Automatic Volume | HD Voice Network

Description

The Zenitel IP Horn Speaker features a Class D amplifier, powered via PoE, and is designed with a horn shape to enhance both sound pressure level (SPL) and directivity. This design enables the speaker to deliver up to 120 dBA SPL peak signal (with a 6 dB crest factor), making it ideal for environments where speakers need to be positioned at a distance from the listener and where space is not a primary concern.
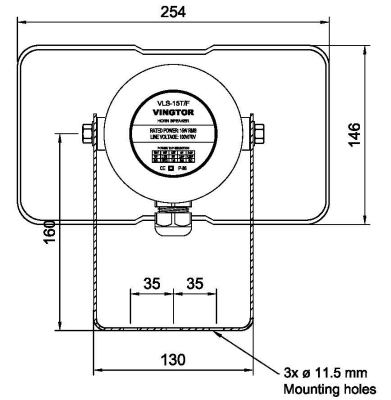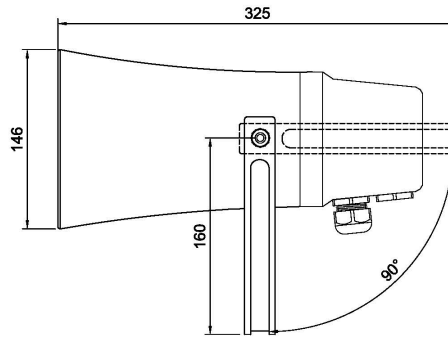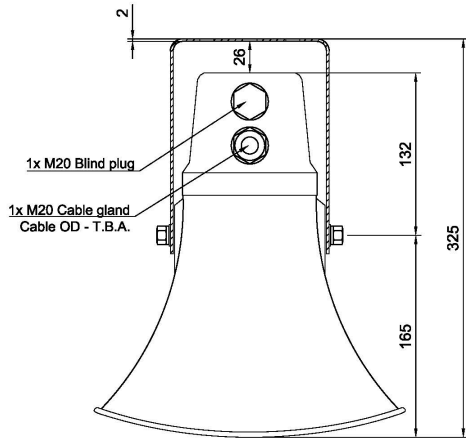
Leveraging IP technology, each speaker can be individually monitored and managed. With the amplifier integrated directly into the speaker, the need for a central amplifier unit and traditional speaker loops is eliminated, making the system highly scalable and simplifying the addition of new speakers.

While conventional speaker loops are not required, the speakers can still be grouped into zones that can extend across networks or even the Internet. To ensure maximum reliability, the speaker comes equipped with advanced supervision features.
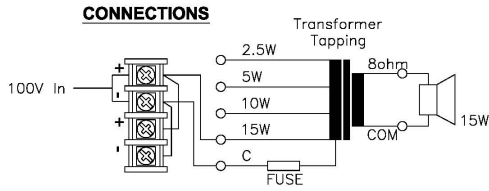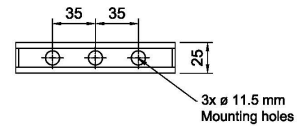
The built-in microphone offers intelligent functionalities such as self-checking and automatic volume control. It also enhances traditional broadcast systems by enabling half-duplex communication and ambient listening. The self-checking feature detects any faults in the network or speaker electronics, with status updates sent to the central unit and third-party management systems via SNMP or Syslog. The speakers can also be auto-discovered, receive messages, and provide talkback functionality directly through a VMS using ONVIF.

The speaker is equipped with a built-in web interface for status monitoring, control, and firmware updates, simplifying installation and maintenance. Additionally, broadcasts can be logged, and detailed reports generated for review.

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Technical Dimensions

2

26

132

325

165

1x M20 Blind plug

1x M20 Cable gland
Cable OD - T.B.A.

325

146

160

90°

254

146

160

35 35

130

3x ø 11.5 mm
Mounting holes

VLS-1ST/F
VINGTOR
HORN SPEAKER
RATED POWER: 15W RMS
LINE VOLTAGE: 100V/70V

Rear View

35 35

25

3x ø 11.5 mm
Mounting holes

CONNECTIONS

Transformer
Tapping

100V In

+
-
+
-

2.5W

5W

10W

15W

C

FUSE

8ohm

COM

15W

TECHNICAL DATA

Colour :	Grey (RAL 7035)
IP-Rating :	IP-66
Material:	Speaker - ABS
	Mounting bracket - Stainless Steel
	(14SWG)/2mm
Line Voltage:	100V
Rated Power :	15W, 10W, 5W, 2.5W
Weight :	1.9kg

Specifications

GENERAL

Codecs	G.711, G.722
Effective frequency range, G.722 Codec	275 - 7000 Hz
Frequency range (speaker driver)	
Continuous SPL (6dB crest Factor)	115 dBA
Max. SPL @ 1kHz/1m	120 dBA
Output Power (Continuous/Peak)	7.5W/30W
IP Rating	IP66
Dimension (WxHxD)	253 x 152 x 309 mm
Weight	1,85 kg
Material, finish	ABS, grey
Mounting	Bracket, stainless steel grade 304
Material / Color	ABS, grey
Electronics cover material	ASA (plastic)
Boxed Shipping weight	
Boxed Shipping dims (Width x Height x Depth)	

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NETWORKING AND PROTOCOLS

Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, ONVIF, CCoIP® , NTP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f) Network Access Control (IEEE 802.1x)
Management and operation	HTTP/HTTPS (Web configuration) DHCP and static IP + IC-EDGE. Remote automatic software upgrade. Centralized monitoring
Advanced supervision functions	E.g. network test, tone test, status reports
SIP support	RFC 3261 (SIP base standard), RFC 3515 (SIP refer), RFC 2976 (SIP info)
DTMF support	RFC 2833, 2976 (SIP info)

HARDWARE

Ethernet connector	1 x RJ 45
All other connectors	Tool less, spring loaded, vibration proof terminals
General inputs and outputs	1x GPIO; 1x mic/line input
Output	12mA as LED drivers
Change-over relay (NO+COM)	48V nominal, max. 100VDC, 70VAC
Power options	PoE
PoE (power over Ethernet)	IEEE 802.3af standard, Class 3 (6.49W to 12.95 W)
Power consumption	Idle 0.7W, max 12W (depending on output volume)
Secondary speaker line out	8 Ohm

ENVIRONMENT AND COMPLIANCES

Operating temperature range	-40° to 70° C / -40° to 158 ° F
Storage temperature range	-40° to 70° C / -40° to 158 ° F
Relative humidity	< 95% not condensing
EMC	CE and FCC Part 15

OTHER SPECIFICATIONS

System boot time	Under 10 seconds
IP address information	Speaks IP address after system boot (requires connected loudspeaker)
Country of manufacture	Norway
DIN-rail clips	Wago 209 (included)
Warranty	2 Years standard warranty, extendible up to total of 5 years (additional fee)

Accessories

VLS-GLAND

Cable gland for VLS-15/30

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