

1008041200

IPVRS-1 | Vandal Resistant Audio Intercom

Vandal Resistant SIP & IP Intercom

- Robust - Stainless steel front plate with one call button
- Advanced Audio Technology - High sound pressure levels, automatic volume gain control, and active noise and echo cancellation for superior clarity.
- Weather-Resistant (IP55) & Robust (IK08)
- 2 Relay outputs for remote control, e.g. doors, signal lamps and gates
- ONVIF Conformant - Seamless video and device integration
- Flexible Installation - Options for wall or flush mounting
- Seamless Integration - Fully compatible with Zenitel Connect Pro, ICX-AlphaCom, IC-EDGE, and SIP-based systems.

Zenitel Connect | Prison Intercom | Emergency points | SIP | ONVIF Conformant | IC-Edge | ICX-AlphaCom

IK08 | HD Voice

Description

The IPVRS-1 is a rugged SIP and IP intercom station built to perform in demanding environments. Featuring a durable 316L stainless-steel front plate with IK08 impact protection and IP55-rated resistance to dust and water, it ensures reliable operation at critical communication points. With advanced audio technologies, including echo cancellation and wideband codecs, and full support for open standards, the IPVRS-1 integrates seamlessly into modern IP networks for security, access control, and emergency communication applications.

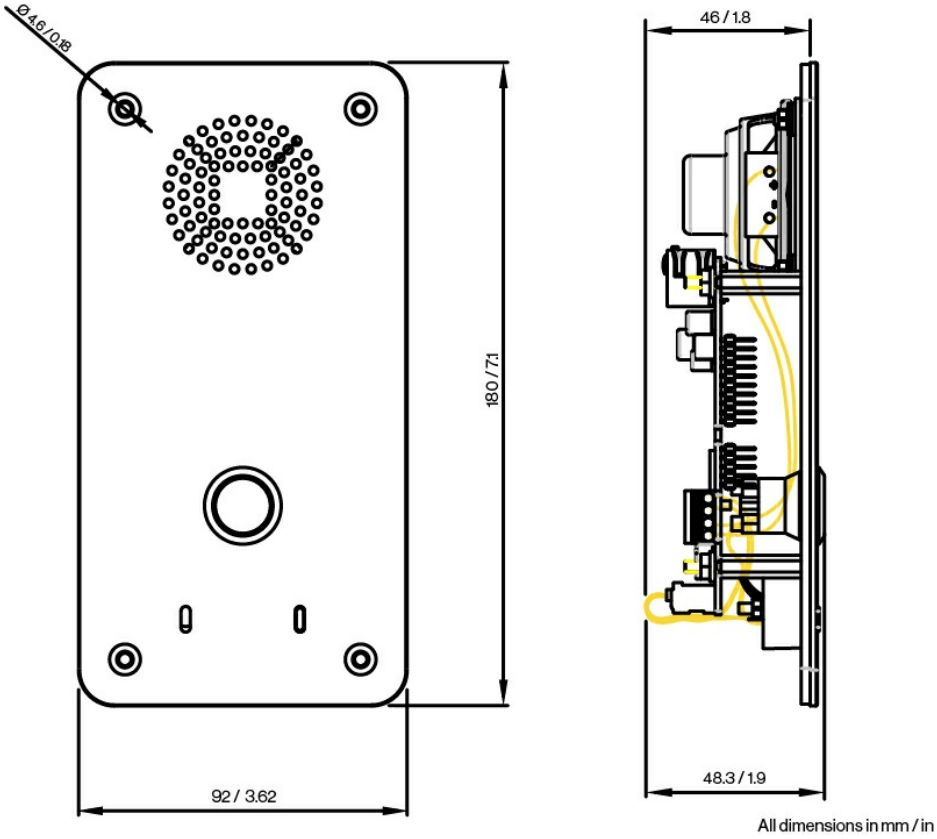
See also: additional documentation on wiki.zenitel.com

Technical Dimensions

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All dimensions in mm / in

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Specifications

AUDIO	
Codecs	G.711, G.722, G.729
Frequency range, G.722 Codec	200 Hz to 7000 Hz
Audio technology	Full open duplex, switched open duplex
	Sound level detection (scream alarm)
	Automatic gain control
	Automatic volume control (AVC)
	Acoustic Echo Cancellation (AEC)
	Noise cancellation
Internal speaker amplifier	10 W class D
Microphone technology	Electret microphone

NETWORKING AND PROTOCOLS	
Application Protocols	SIP, SIPS, HTTP, HTTPS, TFTP, RTP, SRTP, RTCP, RTSP, DHCP, SNMP, Vingtor-Stentofon CCoIP®, NTP, ONVIF, WS-Discovery
IP Versions	IPv4 & IPv6
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), Network Access Control (IEEE 802.1x)
Supervision functions	Keep alive 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)
Integration and API	Connected to ICX-AlphaCom through AlphaCom protocol ACDP
	Connected to Zenitel Connect Pro though Zenitel Link
	ONVIF

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HARDWARE

Ethernet connector	2 x RJ45
General inputs and outputs	6 (configurable)
Outputs	12mA as LED drivers
Change-over relays (NO+NC+COM)	2 relays, max: 60VDC, 2A, 60W
Power options	PoE and or external power supply
PoE (power over Ethernet)	IEEE 802.3af standard, Class 0 (0.44W to 12.95 W)
External power supply	24 VDC (16 to 48 V)
Power consumption	Idle 1.8W, max 13W (depending on volume)

CONSTRUCTION

Dimensions (HxWxD)	180 x 92 x 46 mm / 7.1" x 3.6" x 1.8"
Weight	0.8 kg / 1.8 lbs.
Frontplate material	AISI 316L
Protection	Vandal resistant design, 2 mm stainless steel front, tamper proof loudspeaker grill, button and fastening screws

ENVIRONMENT AND COMPLIANCES

IP rating	IP55
IK rating	IP08
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

APPROVALS

EMC	EN 61000-6-1, EN 61000-6-3, FCC part 15
Sustainability	RoHS, REACH

OTHER SPECIFICATIONS

Warranty	2 Years standard warranty, extendible up to total of 5 years (additional fee)

Accessories

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Flush Mount Back Box

Item Number: 1008098100



On Wall Back Box

Item Number: 1008098000



Tamper Switch for Vandal Resistant Substation TKIE

Item Number: 1008091010

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