1008325010

ZSD-1 | Slim Video Intercom

Zenitel Mullion Intercom

- Mullion intercom - IP-based video intercom
- Powerful Audio Technology - including automatic volume gain control, and noise and acoustic echo canceling
- Slim & Durable Design – Ideal for space-constrained installations without compromising functionality
- Weather-Resistant (IP66) & Robust (IK08)
- Seamless Integration – Fully compatible with Zenitel Connect Pro, ICX-AlphaCom, IC-EDGE, and SIP-based systems.
- ONVIF Conformant - Seamless video and device integration

Zenitel Connect | Video Intercom | Door Intercom | SIP | ONVIF Conformant | UL Certified Intercom | IC-Edge

ICX-AlphaCom | IP66 | IK08

Description

The New Mullion Intercom - Zenitel Slim Door Intercom

The ZSD-1 is a slim, compact, mullion-mounted IP-based video intercom designed for seamless integration into access control systems. Engineered to fit narrow door frames and mullions, it leverages Zenitel's cutting-edge technology to deliver unparalleled audio and video performance, just like all Zenitel IP intercoms.

Key features of the Zenitel Slim Door intercom include HD voice quality, Open Duplex communication, advanced noise and acoustic echo cancellation, and wide FoV HD video with digital PTZ and support for H.264 and MJPEG. Backed by over 70 years of acoustic expertise, these innovations ensure exceptional intelligibility in any environment.

See Zenitel Wiki for more information

Technical Dimensions

www.zenitel.com info@zenitel.com Last revision date: 2026-03-06 12:22

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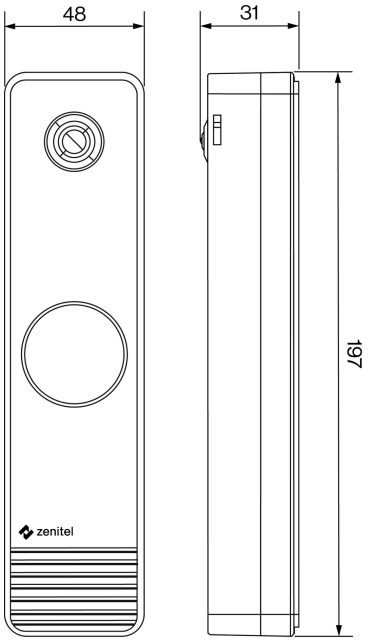

all dimensions in mm

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Specifications

AUDIO	
Max SPL @ 0.5m	85 dB
Codecs	G.711, G.722, G.729
Frequency range, G.722 Codec	200 Hz – 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 cancelling
Internal speaker amplifier	4W Class D
Internal speaker	4W
Microphone technology	2 x digital MEMS, omnidirectional microphone

VIDEO	
Lens	F 2.0, fixed iris
Image Sensor	1/2.5" RGB CMOS
Light Sensitivity	Down to 1 lux
Resolution	240p / 480p / 960x720p / 1440x1080p (MJPEG does not support 720p and 1080p resolution)
Frame Rate	Up to 30 FPS in 1440x1080p (30 FPS is only supported in H.264 mode, while MJPEG is limited to 10 FPS)
Supported Codecs	MJPEG, H.264
Digital PTZ	Yes
Digital Zoom	Up to 4x
Field of View	Up to 180 degrees horizontally and vertically
Parallel videostreams	6 (1x SIP H.264, 2x HTTP MJPEG, 3x RTSP sessions)

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NETWORKING & 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), Power over Ethernet (IEEE 802.3at), Network Access Control (IEEE 802.1x)
Advanced supervision functions	Keep alive test, tone test, status reports
SIP support	RFC 3261 (SIP base standard) RFC 3515 (SIP refer) RFC 2976 (SIP info), SIP using TLS, RFC 5630 SIPS URI scheme
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

HARDWARE

Ethernet connector	1 x RJ-45
Change-over relay (NO+NC+COM)	SELV, 2A, 60W
Power options	PoE, PoE+
PoE (Power over Ethernet)	IEEE 802.3af standard, IEEE 802.3at
Power consumption	Idle 3.5W, max 12W
Button backlight	LED, 6 x RGB LEDs

CONSTRUCTION

Dimensions (HxWxD)	197 x 48 x 31 mm / 7.75'' x 1.9'' x 1.2''
Weight	200g / 0.4 lbs
Faceplate material	ASA
Base / frame material	ASA
Gasket material	TPE / Silicone / Foam
Loudspeaker poke protection, small diameter objects	1 mm

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ENVIRONMENTAL COMPLIANCE	
IP rating	IP66
IK rating	IK08
Operating temperature range	-25° to 55° C
Storage temperature range	-25° to 55° C
Relative humidity	< 95% not condensing

APPROVALS	
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, FCC part 15
Safety	UL 62368-1, IEC 62368-1, IECEE CB
Sustainability	RoHS, REACH

Used With

ITSV-4

HD IP Video Phone with 5" Screen

Item Number: 1490004010

ITSV-5

HD IP Video Phone with 8" Screen

Item Number: 1490005010

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