zenitel

DATASHEET



1008116040

# TMIS-4

## Turbine Mini-Sprechstellen - 2 Tasten

- Unterdrückung von Hintergrundgeräuschen
- Langlebig dank robustem Aluminium-Druckgussrahmen
- Unterstützt eine breite Palette von IP- und Netzwerkstandards
- ONVIF-kompatibel
- Weiße thermoplastische Frontplatte mit 2 Tasten
- Ideal für die Gebäudesicherheit und öffentliche Umgebungen

Zenitel Connect | Door Intercom | SIP | ONVIF Conformant | UL Certified Intercom

IC-Edge | ICX-AlphaCom | HD Voice

## Beschreibung

Die TMIS-4 IP Turbine Mini-Sprechstellen ist robust und für den Innenbereich konzipiert. Sie dient typischerweise als Kommunikations-, Informations- oder Notrufzentrale und ist direkt mit dem IP-Netzwerk verbunden. Dadurch ist sie überall und über jede Entfernung hinweg problemlos einsetzbar.

Alle IP-Sprechstellen der Turbine-Serie nutzen modernste Technologie für unvergleichliche Audioqualität. Zu den zahlreichen Funktionen gehören unter anderem HD-Sprachqualität, Open Duplex, aktive Geräuschunterdrückung, MEMS-Mikrofon und ein Class-D-Verstärker.

Diese Eigenschaften sowie unsere jahrzehntelange Erfahrung mit Akustiktechnologie sind nur einige der vielen Faktoren, die zur überragenden Audioqualität unserer Produkte beitragen.

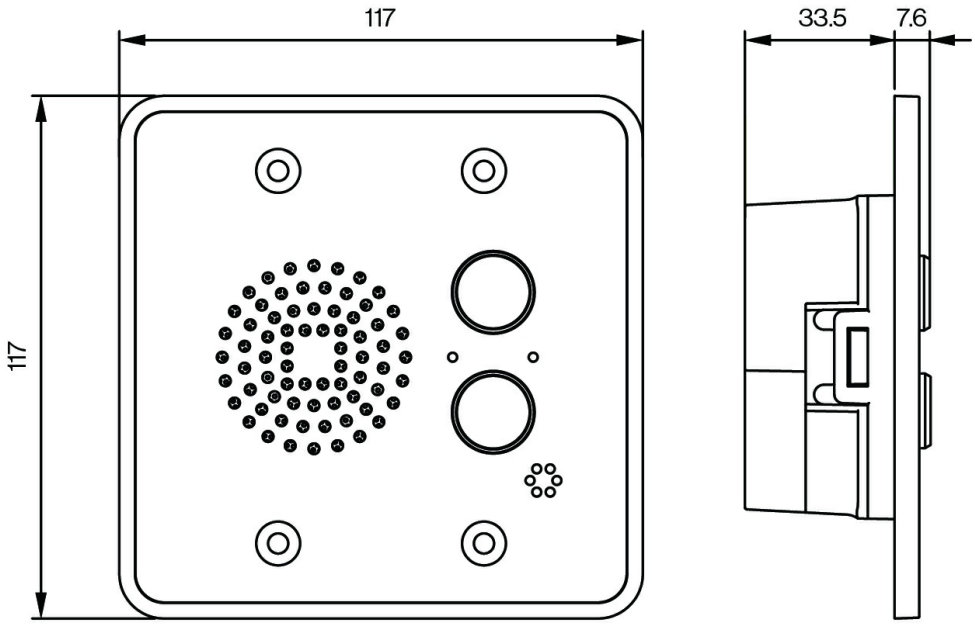


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# Technical Dimensions




All dimensions in mm



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# Spezifikationen



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**AUDIO**

| | |
|---|---|
| SPL-Spitzenleistung bei 1 m im Halbduplex und im offenen Duplex | 90 dB |
| Noise Cancelling – Unterdrückung von Musikgeräuschen | Ja |
| Noise Cancelling – Unterdrückung von Störgeräuschen | Ja |
| Codecs | G.711, G.722, G.729 |
| Frequenzbereich, G.722 Codec | 200 Hz – 7000 Hz |
| Audiotechnik | Modi: Vollständig offener Duplex, geschalteter offener Duplex, |
| | Adaptiver Jitter-Puffer |
| | Benutzerdefinierter Klingelton |
| | Audio-Mixing – Konversation und Gruppenanruf |
| | Schallpegelerkennung / Schreialarm (im AlphaCom-Modus) |
| | Automatische Verstärkungsregelung (Mikrofon) |
| Interner Lautsprecherverstärker | 10 W Klasse D |
| Interner Lautsprecher | 1 W |
| Mikrofontechnik | Digitales MEMS, omnidirektionales Mikrofon |
| Automatische Lautstärkeregelung (AVC) | Ja |
| Akustische Echounterdrückung (AEC) | Ja |





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**HARDWARE**

| | |
|---|---|
| Ethernet-Anschluss | 1 x RJ45 |
| Alle anderen Anschlüsse | Werkzeuglose, federbelastete, vibrationsfeste Anschlüsse |
| Allgemeine Ein- und Ausgänge | 6 (konfigurierbar) |
| Ausgänge | 12 mA als LED-Treiber |
| Umschaltrelais (NO+NC+COM) | SELV |
| Energieoptionen | PoE und/oder externe Stromversorgung |
| PoE (Stromversorgung über Ethernet) | IEEE 802.3af-Standard, Klasse 0 (0,44 W bis 12,95 W) |
| Externe Stromversorgung | 24 VDC (16 – 48 V) |
| Stromverbrauch | 2,8 W |
| Audio-Line-Out / Induktionsschleifensignal | 0 dBV |
| Tastenbeleuchtung | LED |
| Anrufanzeige | Symbole/Farben für Hörgeschädigte |





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## KONSTRUKTION

| | |
|---|---|
| Abmessungen (HxBxT) | 117 x 117 x 41,1 mm |
| Abmessungen nach bündiger Montage | 117 x 117 x 7,6 mm |
| Gewicht | 0,3 kg |
| Knopfmaterial | 3 mm / 0,12 Zoll<br>Polycarbonat (transparent) |
| Frontplattenmaterial | 2 mm / 0,12 Zoll PMMA,<br>farbig auf der Rückseite<br>bedruckt |
| Basis-/Rahmenmaterial | 3 mm / 0,12"<br>Aluminiumlegierung -<br>A413.0, AlSi12Fe, lackiert |
| Material der Elektronikabdeckung | Polycarbonat<br>(lichtdurchlässig) |
| Lautsprecher-Stoßschutz, Objekte mit großem Durchmesser | Thermoplastische<br>Frontplatte mit<br>bearbeitetem Gitter |
| Lautsprecher-Stoßschutz, Objekte mit kleinem Durchmesser | Edelstahlgewebe,<br>akustisch transparent |





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## NETZWERKE & PROTOKOLLE

| | |
|---|---|
| Protokolle | IPv4 (mit DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, SRTP, DHCP, SNMP, ONVIF, CCoIP®, NTP |
| LAN-Protokolle | Power over Ethernet (IEEE 802.3 af), Netzwerkzugriffskontrolle (IEEE 802.1x) |
| Management und Betrieb | HTTP/HTTPS (Webkonfiguration), DHCP und statische IP + IC-EDGE, Remote-Software-Upgrade, zentrale Überwachung |
| Erweiterte Überwachungsfunktionen | zB Netzwerktest, Tontest, Statusberichte (nur in AlphaCom) |
| SIP-Unterstützung | RFC 3261 (SIP-Basisstandard), RFC 3515 (SIP-Referenz), RFC 2976 (SIP-Info), SIP mit TLS, RFC 5630 SIPS-URI-Schema |
| DTMF-Unterstützung | RFC 2833, 2976 (SIP-Informationen) |





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### UMWELT & KONFORMITÄT

| | |
|---|---|
| Schutzart | IP-42 |
| UV-beständig | Ja |
| Betriebstemperaturbereich | -25° bis 70° C / -13° bis 158 ° F |
| Lagertemperaturbereich | -25° bis 70° C / -13° bis 158 ° F |
| Relative Luftfeuchtigkeit | < 95 % nicht kondensierend |
| EMV | CE und FCC Teil 15 |
| Zertifizierungen | UL 62368-1, EN 62368-1 |
| Konformitäten | EN 61000-6-1, EN 61000-6-3 |

### WEITERE SPEZIFIKATIONEN

| | |
|---|---|
| Herstellungsland | Polen |
| IP-Adressinformationen | Spricht die IP-Adresse nach dem Systemstart |
| Garantie | 2 Jahre Standardgarantie, verlängerbar auf insgesamt 5 Jahre (Aufpreis) |

## Zubehör



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## TA-2

US 2-Gang 3½" Deep Backbox

Artikelnummer 1008140020



## TA-3

2½" Deep Flushmount Backbox for Turbine Compact & & Mini

Artikelnummer 1008140030



## TA-13

Turbine Mini On-Wall Back Box White

Artikelnummer 1008140130





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