zenitel

DATASHEET



1008111901

TCIS-5

Poste Turbine IP 2 Boutons et afficheurs PMOLED

Zenitel Connect | Interphone d'accès | SIP | ONVIF Conformant

Interphonie certifiée UL | IC-Edge | ICX-AlphaCom | IP-66 | IK08

Qualité de voix HD

Description

- Qualité Audio Vingtor-Stentofon - Qualité de voix HD
- Conçu pour répondre aux besoins des PHMR
- Étonnant niveau de pression acoustique ajustable automatiquement

www.zenitel.com info@zenitel.com

Last revision date: 2026-06-03 10:50

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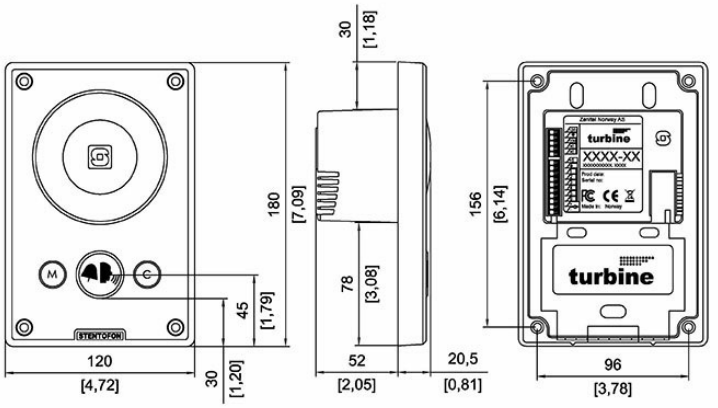
- Suppression de bruit de fond
- Compatible ONVIF
- Indice de Protection IP-66 contre la poussière et l'eau
- Conçu pour durer grâce à un cadre moulé en aluminium - Indice IK-08
- Supporte un grand nombre de normes IP et réseaux
- Face avant en thermoplastique noir avec deux boutons et afficheurs numériques
- Solution unique d’étiquetage avec afficheur PMOLED (Passive Matrix Organic LED)
- Idéal pour les environnements publics et pour garantir la sécurité des bâtiments

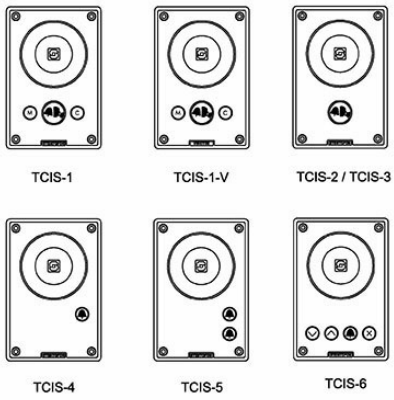
Afin de garantir une qualité audio inégalée, tous les postes IP de la gamme Turbine embarquent les toutes dernières technologies. Parmi les nombreuses fonctionnalités disponibles, on retrouve : la qualité de Voix HD, l’Open Duplex, la suppression de bruit active, un microphone MEMS, un amplificateur 10 W Classe D et notre haut-parleur de conception unique. Ces fonctionnalités, à l'instar de nos 70 ans d’expérience en matière de technologie acoustique ne sont que quelques-uns des facteurs qui contribuent à vous délivrer une qualité audio exceptionnelle.

Technical Dimensions

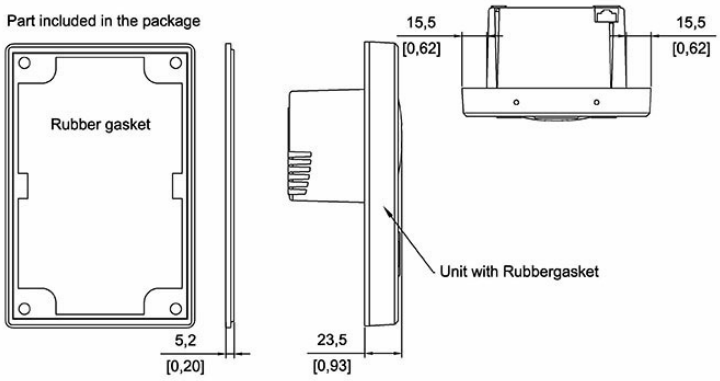
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Part included in the package



The drawing cover following items:

1008111010	TCIS-1	Turbine Compact IP Standard-1
1028111010	TCIS-1-V	Turbine Compact IP Standard-1 VINGTOR
1008111020	TCIS-2	Turbine Compact IP Standard-2
1008111030	TCIS-3	Turbine Compact IP Standard-3
1008111040	TCIS-4	Turbine Compact IP Standard-4
1008111050	TCIS-5	Turbine Compact IP Standard-5
1008111060	TCIS-6	Turbine Compact IP Standard-6

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Spécifications

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1008111050	TCIS-5, Turbine Compact IP Standard-5	0.8 kg / 1.8 lbs

AUDIO	
Audio quality - speech transmission index (STI) - at 70 dB	> 0.8*
Audio quality - percentage articulation loss of consonants (Alcons) - at 70 dB	< 5%*
Audio quality - total harmonic distortion + noise, without noise reduction (THD+N) - at 70 dB	< 2%*
SPL rated power at 1m in open duplex	95 dB*
SPL rated power at 1m in half duplex	105 dB*
SPL rated power at 1m in program distribution and announcement	105 dB*
Noise cancelling - suppression of musical noise	YES
Noise cancelling - suppression of static noise	YES
Noise cancelling - suppression of rapidly changing noise	YES
Codecs	G.711, G.722

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Frequency range, G.722 Codec	200 Hz – 7000 Hz
Audio technology	Modes: Full open duplex, switched open duplex
	Adaptive jitter filter
	Custom Ringing Tone
	Audio Mixing – Conversation and Group Call
	Sound Level Detection / scream alarm (only in AlphaCom)
	Automatic gain control (microphone)
Internal speaker amplifier	10 W class D
Microphone technology	Digital MEMS, omnidirectional microphone
*Tested with Audio Precision SYS 2722 equipment	

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HARDWARE

Ethernet connector	1 x RJ 45
All other connectors	Tool less, spring loaded, vibration proof terminals
General inputs and outputs	6 (configurable)
Outputs	12mA as LED drivers
Change-over relay (NO+NC+COM)	Max: 250VAC/220VDC, 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 – 48 V)
Power consumtion	Idle 1.8W, max 12W (depending on volume)
Audio Line out / Induction loop signal	600 Ohm
Button backlight	LED
Call indication	Icons/colors for hearing impaired
Door open indication	Icons/colors for hearing impaired
Display technology	PMOLED
Display contrast	20000:1
Viewing angle	160 deg
Display brightness	120 cd/m2
Display lifetime	100 000 hours (11.5 years)

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CONSTRUCTION

Dimensions (HxWxD)	180 x 120 x 70 mm / 7.1” x 4.7” x 2.8”
Dimensions after flush mount	180 x 120 x 20 mm / 7.1” x 4.7” x 0.8”
Dimensions with on wall box	180 x 120 x 82 mm / 7.1” x 4.7” x 3.3”
Weight	0.8 kg / 1.8 lbs
Faceplate material	3 mm / 0.12” PMMA, colour printed on back side
Base / frame material	3 mm / 0.12” Aluminum alloy - A413.0, AlSi12Se, anodized and painted
Electronics cover material	Polycarbonate (translucent)
Gasket material	Silicone rubber
Fastening bracket material	SECC Steel
Button material	3 mm / 0.12” Polycarbonate (transparent)
Button travel length	1.25 mm
Button activation force	350 gf
Button push-cycles before failure	300 000
Vandal resistant fasteners	Stainless steel, security TORX (with pin), T25
Loudspeaker poke protection, large diameter object	3D cast aluminum speaker grille
Loudspeaker poke protection, small diameter objects	Stainless steel mesh, acoustically transparent

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NETWORKING AND PROTOCOLS

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

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ENVIRONMENT AND COMPLIANCES

IP rating	IP-66, tested according to EN 60529
IK rating	IK 08, tested according to EN 62262
Operating temperature range	-40° to 70° C
Storage temperature range	-40° to 70° C
Realtive humidity	< 95% not condensing
Corrosion	Salty mist, tested according to EN60945
Vibration	Tested according to EN60945
UV-resistant	YES
EMC	CE and FCC Part 15 EN 50121-3-2 Railway application EN 50121-4 Railway application UN Regulation 10, revision 4 + Corr.1 + Amend.1
Compliances	IEC/EN 60945 Marine Equipment IEC/EN 61000-6 Light and heavy industry IEC/EN 50155 Railway Application *IEC/EN 50486 Equipment for use in audio video door-entry systems * With additional conformal coating Requires use of EN 50155 approved PoE switch

Accessoires

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TA-1

Boîtier applique compact pour Turbine

Référence Produit: 1008140010



TA-2

Boîtier d'encastrement pour Turbine Compact

Référence Produit: 1008140020



TA-5

Étrier de fixation pour boîtier d'encastrement Turbine Compact

Référence Produit: 1008140050



Bouton sensitif

Référence Produit: 2390020100



TA-14

Microphone windshield for TCIS / TCIV

Référence Produit: 1008140140



Plaque d'adaptation pour postes Turbine

Référence Produit: 107216008140



Stainless Steel backbox with hood

Référence Produit: 1072104300



Stainless Steel backbox with hood, yellow

Référence Produit: 1072104900

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Stainless Steel backbox, no hood, yellow

Référence Produit: 1072104000

Used With



Emergency Communication Wall Unit with Turbine Cut-Out

1602 Deluxe Wall Unit Slim with Turbine Cut-Out

Référence Produit: 2809016028



Emergency Communication Wall Unit

1602 Deluxe Wall Unit Slim

Référence Produit: 2809016029



Emergency Communication Wall Unit

1602 Deluxe Stanchion Wall Unit

Référence Produit: 2809016020



Emergency Communication Wall Unit

1602 Wall Unit with Mass Notification

Référence Produit: 2809016022

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Emergency Communication Wall Unit with Turbine Cut-Out

1603 Economy Wall Unit Slim

Référence Produit: 2809016038



Emergency Communication Wall Unit

1603 Economy Wall Unit Slim

Référence Produit: 2809016039



Emergency Communication Wall Unit

1603 Economy Wall Unit

Référence Produit: 2809016030

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