zenitel

DATASHEET



1008111050

TCIS-5

Interphone IP SIP

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

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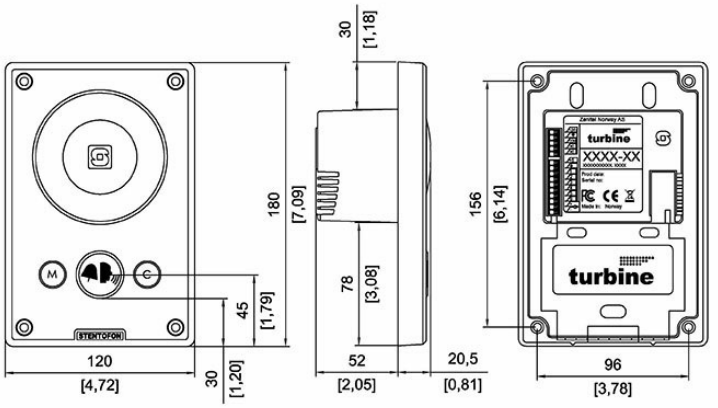
- Suppression de bruit de fond
- Compatible ONVIF
- Indice de Protection IP-66 contre la poussière et l'eau
- Conçu pour durer grâce à un cadre moulé en aluminium - Indice IK-08
- Supporte un grand nombre de normes IP et réseaux
- Face avant en thermoplastique noir avec deux boutons et afficheurs numériques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

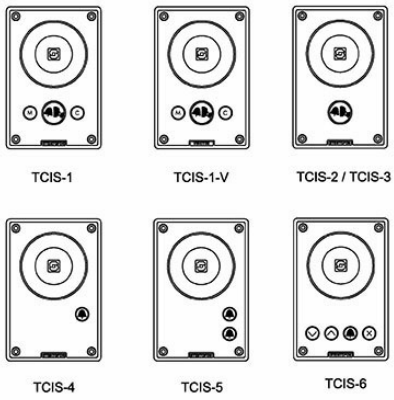
Afin de garantir une qualité audio inégalée, tous les postes IP de la gamme Turbine embarquent les toutes dernières technologies. Parmi les nombreuses fonctionnalités disponibles, on retrouve : la qualité de Voix HD, l’Open Duplex, la suppression de bruit active, un microphone MEMS, un amplificateur 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

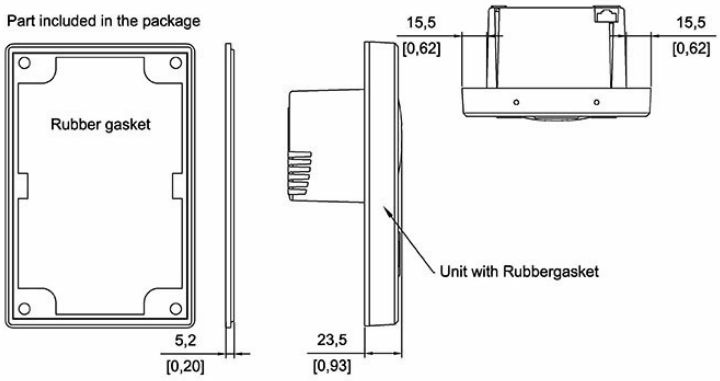
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Part included in the package



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

AUDIO

Qualité Audio - Pourcentage de perte dans l'articulation des consonnes (Alcons) - à 70 dB	< 5%*
Qualité Audio - distorsion totale des harmoniques + bruit, sans réduction de bruit (THD+N) - à 70 dB	< 2%*
Puissance de niveau de pression acoustique (SPL) à 1 m en mode open duplex	95 dB*
SPL à 1 m en demi-duplex	105 dB*
SPL à 1 m en distribution de programme et annonce	105 dB*
Annulation du bruit - Suppression de bruit musical	OUI
Annulation du bruit - Suppression de bruit statique	OUI
Annulation du bruit - Suppression de bruit changeant rapidement	OUI
Codecs	G.711, G.722, G.729
Gamme de fréquence, Codec G.722	200 Hz – 7000 Hz
	Modes : Full open duplex, open duplex par commutation, Adaptive jitter filter, Générateur

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Technologies audio	jitter filter, Générateur local de tonalité, Mixage audio 3 canaux, Détection de niveau du son (alarme au cri), Contrôle automatique du gain (microphone)
	Tampon de gigue adaptatif
	Générateur local de tonalité
	Mixage audio – Conversations et appels de groupe
	Détection de niveau du son, Alarme au cri (uniquement sur AlphaCom)
	Contrôle automatique du gain (microphone)
Amplificateur interne	10 W classe D
Technologie du microphone	MEMS numérique, microphone omnidirectionnel
*Testé avec équipement audio de précision SYS 2722	

MATÉRIEL

Connecteur Ethernet	1 x RJ 45
Autres connecteurs	Sans outil, chargé sur ressort, terminaux antivibration
Entrées et sorties générales	6 (configurables)
Sorties	12mA en tant que driver de LED
Passage de relais (NO+NC+COM)	Max : 250 VAC / 220 VDC, 2A, 60 W

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Options de puissance	PoE et/ou alimentation externe
PoE (power over Ethernet)	IEEE 802.3af standard, Classe 0 (0,44 W à 12,95 W)
Alimentation externe	24 VDC (16 – 48 V)
Consommation de puissance	Au repos : 1,8 W / Max : 12 W (selon le volume)
Sortie de ligne audio/ Signal de boucle inductive	600 Ohm
Rétro-éclairage de touche	LED
Indication d’appel	Icônes / couleurs selon la réglementation concernant les malentendants
Indication d’ouverture de porte	Icônes / couleurs selon la réglementation concernant les malentendants
Technologie de l’afficheur	PMOLED (Passive Matrix Organic LED)
Contraste de l’afficheur	20000:1
Angle de vue	160 degrés
Luminosité de l’écran	120 cd/m2
Durée de vie de l’afficheur	100 000 heures (11,5 années)

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COMPOSITION

Dimensions (HxLxP)	180 x 120 x 70 mm
Dimensions avec montage encastré	180 x 120 x 20 mm
Dimensions avec montage en applique	180 x 120 x 82 mm
Poids	0,8 kg
Face avant	3 mm, revêtement anti reflet, impression de couleur au dos
Base / cadre	3 mm, alliage d'aluminium - A413.0, AlSi12Fe, peint
Couverture électronique	Polycarbonate (transparent)
Joint	Caoutchouc de silicone
Support de fixation	Acier SECC
Touche	Polycarbonate de 3 mm (transparent)
Longueur d'enfoncement du bouton	1,25 mm
Force d'activation de la touche	350 gf
Cycles de pression avant défaut	300 000
Protection du haut-parleur contre la pénétration d'objets de large diamètre	Grille du haut-parleur 3D en aluminium moulé
Protection du haut-parleur contre la pénétration d'objets de petit diamètre	Acier inoxydable, transparent acoustiquement

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MISE EN RÉSEAU ET PROTOCOLES

Protocoles	IPv4 (avec DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, Vingtor-Stentofon CCoIP® , NTP
Protocoles LAN	Power over Ethernet (IEEE 802.3 a-f), VLAN(IEEE 802.1pq), Sécurité réseau (IEEE 802.1x), STP (IEEE 802.1d), RSTP (IEEE 802.1d-2004)
Management et opération	HTTP/HTTPS (configuration web) DHCP et IP statique + Vingtor-Stentofon Pulse™, Mise à jour logicielle automatique à distance, Surveillance centralisée
Fonctions de supervision avancées	Ex : test réseau, test de tonalité, rapports d'état (uniquement sur AlphaCom)
Support SIP	RFC 3261 (SIP base standard) RFC 3515 (SIP refer) RFC 2976 (SIP info), SIP utilisant la TLS, RFC 5630
Support DTMF	RFC 2833, 2976 (SIP info)

ENVIRONNEMENT ET CONFORMITÉ

Indice de Protection IP	IP 66, conformément à la norme EN 60529 (s'applique lorsque le TCIS-5 est monté dans un boîtier applique TA-1)

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	1)
Indice IK	IK 08, conformément à la norme EN 62262
Températures de fonctionnement	De -40° à +70° C
Températures de stockage	De -40° à +70° C
Humidité supportée	< 95% (sans condensation)
Corrosion	Vent salé, conformément à la norme EN 60945
Vibration	Testé selon la norme EN 60945
Résistance aux UV	OUI
CEM	CE et FCC Partie 15, EN 50121-3-2 Applications ferroviaires, EN 50121-4 Applications ferroviaires, Règlement ONU 10, révision 4 + Correction 1 + Amendement 1
Conformité	CEI/EN 60945 Équipement Marin, CEI/EN 61000-6 Industries légère & lourde, CEI/EN 50155 Applications ferroviaires, * CEI/EN 50486 Équipement pour utilisation dans des systèmes audio vidéo de contrôle d'accès * Avec un revêtement supplémentaire conforme, le poste nécessite un switch PoE certifié EN 50155
Certifications	UL 60950-1, cUL 60950-1, CB

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	conformement a la norme CEI 60950-1

AUTRES SPÉCIFICATIONS

Information sur adresse IP	Adresse IP donnée par voie orale après le démarrage du système
Durée de vie du bouton	> 1 000 000 cycles
Pays de fabrication	Pologne

Accessoires



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



TA-18

Boîtier encastré compact pour Turbine

Référence Produit: 1008140180

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TA-14

Microphone windshield for TCIS / TCIV

Référence Produit: 1008140140



Bouton sensitif

Référence Produit: 2390020100

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