zenitel

DATASHEET



1008122060

TFIE-6

Interphone IP SIP

Poste industriel

IP-66

Volume automatique

Qualité de voix HD

Contrôle automatique du gain

Suppression de Bruit Active

Open Duplex

Détection d'activité vocale

Description

- Interphone CCoIP / VoIP / SIP conçu pour les environnements industriels
- Double connectivité Ethernet pour réseaux redondants
- Alimentation PoE

www.zenitel.com info@zenitel.com

Last revision date: 2025-06-27 15:59

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

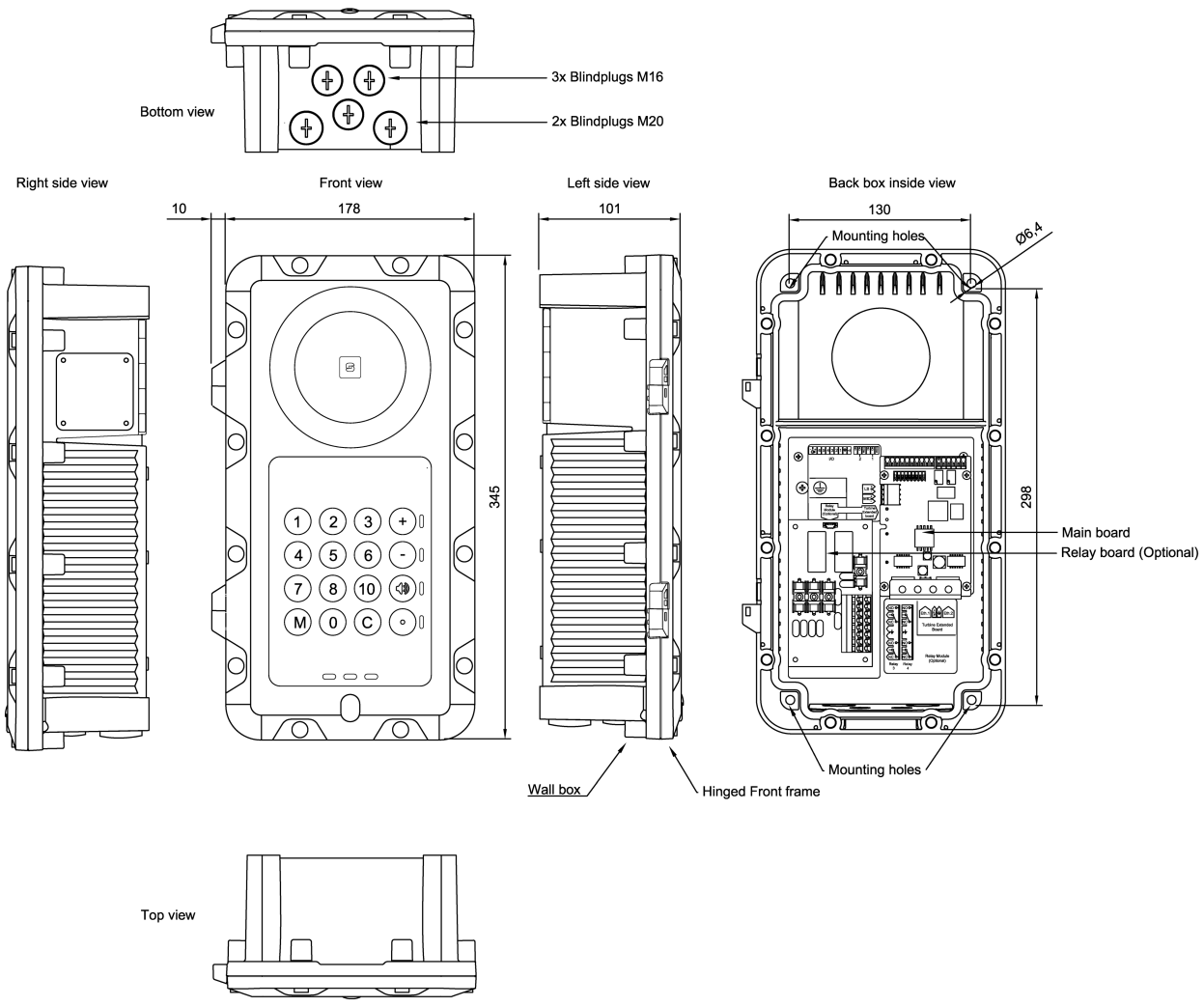
- Redondance d’alimentation DC
- Fonctionnalité DIP pour une utilisation avec les serveurs audio AlphaCom
- Fonctionnalité SIP/VoIP pour une utilisation avec les systèmes tierce partie
- 2 sorties de relais
- 6 entrées et sorties configurables
- Indice de Protection IP-66 contre la poussière et l’eau
- Les accessoires industriels comprennent un combiné PTT, un casque avec ON/OFF et PTT, un microphone à main PTT
- Surveillance et diagnostique automatique du poste
- Indicateurs d’état visibles sur la face avant
- Écran PMOLED avec unité de défilement pour appeler un nombre illimité de postes

Le poste industriel d’interphonie IP TFIE-6 est un appareil robuste conçu pour être utilisé dans les environnements difficiles. Il répond aux exigences industrielles et offshore et remplit les prérequis de la certification ATEX Zone 1. Le boîtier en plastique a été imaginé pour résister à la plupart des risques chimiques et environnementaux, tant sur terre qu’en mer. Le poste TFIE-6 comporte un clavier complet avec 4 touche d’accès programmable ainsi qu’une touche de commande manuelle (PTT), une touche d’annulation et un écran avec unité de défilement. Ce poste d’interphonie est entièrement numérique. L’amplificateur interne et le haut-parleur de 78 mm garantissent un son cristallin et un rendement élevé, atteignant jusqu’à plus de 90 dB SPL. Les fonctions audio telles que la suppression de bruit active et la réduction acoustique de l’écho permettent une communication bidirectionnelle mains-libres ainsi qu’une qualité audio supérieure. Les indicateurs d’état du poste affichent l’état du système et sont compatibles avec AlphaCom et Exigo ainsi qu’avec les fonctionnalités SIP pour une utilisation de systèmes tierce partie.

Technical Dimensions

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company’s Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.



Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Spécifications

AUDIO	
Suppression du bruit - suppression musique de fond	OUI
Suppression du bruit - suppression bruit parasite	OUI
Suppression du bruit - suppression bruit à variation rapide	OUI
Codecs	G.711, G.722, G.729
Gamme de fréquence, codec G.722	200 Hz – 7000 Hz
Technologie audio	Modes : Full open duplex, Switched open duplex
	Tampon de gigue adaptatif
	Générateur de tonalité local
	Mélangeur audio - 3 canaux
	Détection niveau sonore (déclenchement d'alarme au cri)
	Contrôle gain automatique (microphone)
	Ajustement volume automatique
Amplificateur haut-parleur interne	10 W classe D

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

MÉCANIQUE	
Dimensions	170 x 340 x 100 mm
Poids	1,9 kg
Montage	Boîtier applique (inclus)
Couleur	Jaune et noir

RÉFÉRENCE	DESCRIPTION
1008122010	TFIE-1 Clavier complet avec 1 touche programmable
1008122020	TFIE-2 6 touches d'accès programmables et étiquetables
1008122060	TFIE-6 Clavier complet avec écran et unité de défilement
ACCESSOIRES	
1023594100	1023594100 EGA-1 Capuchon de protection du bouton (10x) pour TFIE/TFIX/EAPII/EAPFX
1023533312	EMMAI-2H Combiné industriel, Compact, Waterproof pour EAPII/TFIE
1008140100	TA-10 Panneau de connexion avec des sorties de relais pour TFIE/EAPII
1008140225	TA-22b câble 10 m avec prise w/PTT pour casque et microphone industriels (pour TFIE)
1008140230	TA-23 Combiné marine/industriel w/PTT (pour TFIE)

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

1008140250	TA-25 Lot de vis de rechange (M6) pour TFIE/TFIX/EAPII/EAPFX
1008140260	TA-26 Lot de passes-câbles pour TFIE/EAPII
AK5850HS	Micro casque ATEX A-Kabel TwinCom

ENVIRONNEMENT

Températures de fonctionnement	De -40°C to +70°C
Températures de stockage	De -40°C to +70°C
Humidité supportée	De 10% à 95% RH (sans condensation)
Humidité de stockage	De 10% à 95% RH (sans condensation)
Pression atmosphérique	De 600 hPa à 1200 hPa
Classe de protection IP	IP-66 conformément à la norme CEI/EN 60529

ÉLECTRIQUE

Connecteur Ethernet	2x RJ45
Options d'alimentation	PoE ou alimentation externe
PoE (Power over Ethernet)	Standard IEEE 802.3af, Classe 0 (de 0,44 W à 12,95 W)
Alimentation auxiliaire DC	24 VDC nom (de 16 à 48 VDC)
Consommation	De 2 W (veille) à 12,9 W (max)
Switch intégré	Administrable, DHCP, pare-feu

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Compatibilité	SIP, AlphaCom™, Pulse™, G.711, G.722, G.729, Qualité de voix HD
Microphone à main	Microphone (entrée symétrique), PTT (Push-To-Talk)
Combiné	Microphone (entrée symétrique), haut-parleur (entrée symétrique), + PTT (Push-To-Talk)
Casque	Microphone (entrée symétrique), haut-parleur (entrée symétrique) + PTT (Push-To-Talk)
Entrées/sorties numériques	6 (configurables comme entrées, sortie ou driver de LED)
Sorties relais	2 (250 VAC/200 VDC, 2 A, 60 W, opérations 10^8)
Audio	Entrée ligne, sortie ligne
Alimentation auxiliaire	1 (raccordement sans outils)
Technologie écran	PMOLED
Contraste écran	20000:1
Angle de vue	160°
Luminosité écran	120 cd/m2
Durée de vie écran	100 000 heures (11,5 ans)

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

RÉSEAU

Ethernet	10BASE-TX, 100BASE-TX , Négociation automatique, MDIX automatique
Protocoles	IPv4 (avec DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, CCoIP® Vingtor-Stentofon, NTP
Protocoles LAN	Power over Ethernet (IEEE 802.3 a-f) Network Access Control (IEEE 802.1x)
Gestion et exploitation	HTTP/HTTPS (configuration web) DHCP et IP fixe + Vingtor-Stentofon Pulse™ Mises à niveau logicielles automatiques à distance, gestion centralisée
Fonctions de supervision avancées	Ex : test réseau, test tonalité, rapport statut
Support SIP	RFC 3261 (Standard SIP de base)
	RFC 3515 (SIP refer)
	RFC 2976 (SIP info)
Support DTMF	RFC 2833, 2976 (SIP info)

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

COMFORMITÉ	
Immunité	EN 60945, EN 50130-4, EN 61000-6-1, EN 61000-6-2, FCC-47 partie 15B
Émissions	EN 60945, EN 50130-4, EN 61000-6-3, EN 61000-6-4, FCC-47 partie 15B

Accessoires



EMMAI-2H

Microphone à main industriel compact pour Exigo / Turbine

Référence Produit: 1023533312



TA-23

Combiné industriel avec PTT pour poste Turbine

Référence Produit: 1008140230



AK5850HS

Casque approuvé ATEX

Référence Produit: AK5850HS



AK5850HS

Casque approuvé ATEX

Référence Produit: AK5850BS

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.



AK5850HS

Casque approuvé ATEX

Référence Produit:
AK5850BHS



TA-22B

Industrial Plugbox & Cable for Headset with PTT

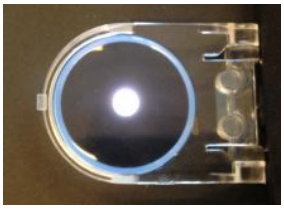
Référence Produit:
1008140225



TA-10

Module de relais

Référence Produit:
1008140100



EGA-1

Button Protection Covers

Référence Produit:
1023594100

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.