














1008111901

TCIS-5

Poste Turbine IP 2 Boutons et afficheurs PMOLED

 Interphone d'accès  SIP  Interphonie certifiée UL  IC-Edge  ICX-AlphaCom

 IP-66  IK08  Volume automatique  Qualité de voix HD

 Contrôle automatique du gain  Détection d'activité vocale

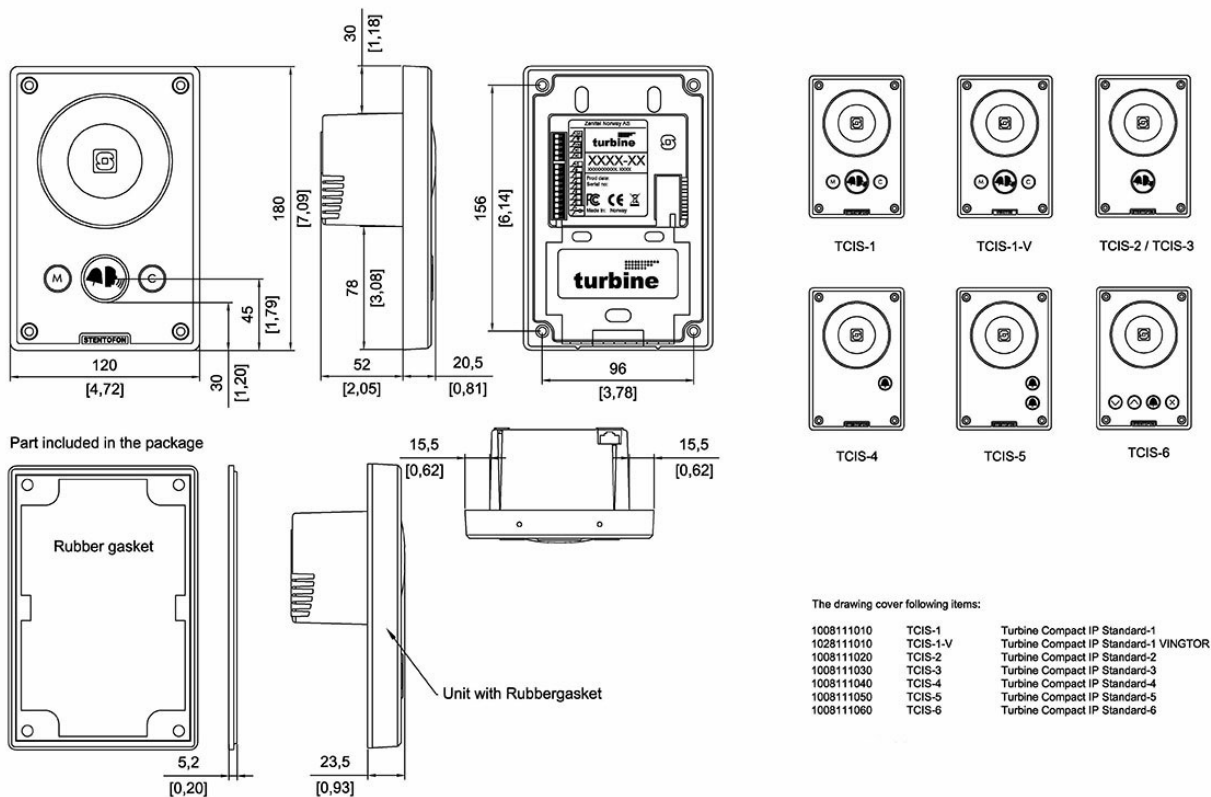
Description

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



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 |
| 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 | |

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 consumption | 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) |

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, AISi12Se, 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 |

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) |

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 |
| Relative 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



TA-1

Turbine Compact Onwall
Back Box



TA-2

Boîtier d'encastrement pour
Turbine Compact



TA-5

Étrier de fixation pour
boîtier d'encastrement
Turbine Compact



Bouton sensitif



TA-14

Microphone windshield for
TCIS / TCIV

Used With



Emergency
Communication Wall
Unit with Turbine Cut-
Out

1602 Deluxe Wall Unit Slim
with Turbine Cut-Out



Emergency
Communication Wall
Unit

1602 Deluxe Wall Unit Slim



Emergency
Communication Wall
Unit

1602 Deluxe Stanchion
Wall Unit



Emergency
Communication Wall
Unit

1602 Wall Unit with Mass
Notification



Emergency
Communication Wall
Unit with Turbine Cut-
Out

1603 Economy Wall Unit
Slim



Emergency
Communication Wall
Unit

1603 Economy Wall Unit
Slim



Emergency
Communication Wall
Unit

1603 Economy Wall Unit