Power   Fault   Call

turbine

DEVELOPED FOR DEMANDING ENVIRONMENTS

The Turbine EX intercom stations are rugged devices, designed for harsh environments and meets industrial and offshore requirements. The reinforced polymer housing is designed to withstand most chemical and environmental hazards found on- or offshore.

The Ex IP Intercom station series from Vingtor-Stentofon is one of our latest innovations. With an IP rating of 64 and IP over Two-wire this station series provides two-way IP communication in Ex-environments by using our Flowire technology. Weighing in at just 4 kg it's also considerably lighter than most of our competition, making it easy to transport and install.

INTEGRATED COMMUNICATION SOLUTIONS FOR EXPLOSIVE ENVRIONMENTS
We know what it takes to provide safe and secure communication in harsh environments. Because all projects are unique in the Oil and Gas industry, merely providing hardware and software is not enough to ensure the success of an individual project. Our focus is therefore to provide integrated solutions that are individually tailored to each unique project.

Key Offerings include Public Address, Radio and Intercom complemented with a wide range of supplementary systems.

HD VOICE	**HD Voice** Crystal clear audio.
IP 66	**IP 66** Dust and Water protected: IP 66 (EN 60945), IP 64 (IEC 60079-0).
EX	**Explosion Proof** II 2(2)G Ex e ib mb [ib] IIC T4 Gb.
SIP	**SIP** SIP/VoIP functionality for use with 3rd-party systems.
PoE	**Power Over Ethernet** Run Ethernet on the same two-wire as power.
90dB	**90dB SPL** Sound Pressure Level.
ACTIVE NOISE CANCELLATION	**Active Noise Cancelling** and Acoustic Echo Cancelling allows for hands-free two-way communication with superior audio quality.

1008123010

TFIX-1

Full keypad with one programmable button + keys for manual override, (PTT) and Cancel.

1008123020

TFIX-2

6 programmable, labelled buttons and optional key covers for alarm panel duties.

1008123030

TFIX-3

Call button, manual override (PTT) and cancel.

INTERCOM STATION

IP TECHNOLOGY
The intercom station is fully digital and offers crystal clear audio with high output through an internal amplifier and 78 mm speaker, delivering over 90 dB SPL. Monitoring and self-diagnostics of critical functionality.

FLOWIRE TECHNOLOGY
Flowire connectivity for simplified cabling and extended range.

MATERIAL
Robust hardware design makes this product fit for rough environments.TFIX intercoms are made in Carbon-fiber reinforced polymer.

ENVIRONMENTAL
Operating temperature:
-20°C to +60°C

Storage temperature:
-40°C to +70°C

Operating humidity:
10% to 95% RH (non-condensing)

Storage humidity:
10% to 95% RH (non-condensing)

Air pressure:
600 hPa to 1200 hPa

IP-rating:
IP66 (EN 60945),
IP64 (IEC 60079-0)

ACCESSORIES
Accessories include: Handheld PTT mic, Headset with PTT and Handset with PTT.

Developed for the Industrial, Oil & Gas and Maritime segment.

SPEAKER GRILLE
Stainless Steel speaker protection.

SIZE
188 x 345 x 101 mm
Weight: 4 kg

BUTTONS
Backlit silicone push buttons.

MOUNTING
On wall enclosure.

LED LIGHTS
Visible status indicators on front panel Fully Sealed to IP 66 (EN60945).

CABLING
Up to 2 x M25 + 2 x M16 cable glands for cabling and accessories.

Power Fault Call

ATEX & IEC EX
Zenitel offers a variety of safe and secure communication solutions for Explosive environments. IP technology makes it easy to integrate Intercom, Public Address and Radio into one solution.

ATEX
All TFIX and EAPFX devices are comply to European directives 94/9/EC and 2014/34/EU for use in Zone 1 and 2.

IEC EX
All TFIX and EAPFX devices are certified to global standard IEC 60079 for use in Zone 1 and 2.

VINGTOR ◆ STENTOFON

CHECK OUT OTHER PRODUCTS WE OFFER:

INDUSTRIAL IP INTERCOM STATION

- Communication and power over Ethernet.
- Dust and water protected to IP 66 (IEC/EN 60529/60945).
- Digital signal processing with noise reduction, echo cancellation and HD voice.
- With programmable buttons and optional handheld PTT Microphone/Headset/Handset.
- Perfect for Offshore and Industrial environments.

TFIE-1   TFIE-2

INDUSTRIAL IP ACCESS PANELS

- Communication and power over Ethernet.
- Dust and water protected to IP 66 (IEC/EN 60529/ 60945).
- Digital signal processing with noise reduction and HD voice.
- With programmable buttons and optional handheld PTT Microphone.
- Perfect for Offshore and Industrial environments.

EAPII-1   EAPII-6

EX IP ACCESS PANELS

- Power over Flowire Technology (24 VDC) .
- Ex mb ib e IIC T4 Gb.
- Dust and water protected to IP 66 (IEC/EN 60529/ 60945).
- Digital signal processing with noise reduction and HD voice.
- With programmable buttons and optional handheld PTT Microphone.
- Perfect for Offshore and Industrial environments.

EAPFX-1   EAPFX-6

WHAT IS VINGTOR-STENTOFON?

Vingtor-Stentofon, owned by the Zenitel Group, is a combination of two leading IP Voice Audio and Public Address systems formerly known as Vingtor and Stentofon. In November 2014, Zenitel combined these two brands into one corporate brand Vingtor-Stentofon. The merger of the two brands was a strategic goal in keeping with Zenitel's corporative objectives as all products are designed, developed and manufactured under the Zenitel Group.

The Zenitel Group has a strong presence in both the onshore and offshore secure communications market through its global product brand Vingtor-Stentofon. The Company's main product offering is within Public Address & General Alarm, Intercom, Radio and integrated communications systems. For more information visit www.zenitel.com/about.

www.zenitel.com