

1008116010

TMIS-1

Turbine Mini Intercom



Turbine

 HD Voice

 Automatic Gain Control

 Active Noise Cancelling

DESCRIPTION

- Background noise cancellation
- Built to last with robust die-cast aluminum frame
- Supports wide set of IP and networking standards
- White thermoplastic front plate with one button
- Ideal for Building Security and Public Environments

The TMIS-1 IP Turbine Mini intercom station is robust and designed for indoor use. This station is typically used as a communication, information or emergency point and connects directly to the IP network, making it easy to deploy anywhere and at any distance.

All IP stations in the Vingtor-Stentofon Turbine series utilize the latest technology to create unparalleled audio quality. Some of the many features include: HD voice quality, Open Duplex, Active Noise Cancellation, MEMS microphone, and a Class D amplifier. These features, in conjunction with our 65+ years of experience with acoustic technology are only a few of the many factors that contribute to the superior audio quality of our products.

SPECIFICATIONS

AUDIO

SPL rated power at 1m	90 dB
Noise cancelling - suppression of musical noise	YES
Noise cancelling - suppression of static noise	YES
Codecs	G.711, G.722, G.729
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	Class D
Microphone technology	Digital MEMS, omnidirectional microphone

HARDWARE

Ethernet connector	1 x RJ45
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	2.8 W
Audio line out / Induction loop signal	0 dBu / 600 Ohm
Button backlight	LED
Call indication	Icons/colors for hearing impaired

CONSTRUCTION

Dimensions (HxWxD)	116 x 116 x 40 mm
Dimensions after flush mount	116 x 116 x 5 mm
Weight	0.3 kg
Button material	3 mm / 0.12" Polycarbonate (transparent)
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)

CONSTRUCTION

Loudspeaker poke protection, large diameter objects	Thermoplastic faceplate with machined grille
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Loudspeaker poke protection, small diameter objects	Stainless steel mesh, acoustically transparent
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NETWORKING & PROTOCOLS

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

Ingress Protection rating	IP-42
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UV-resistant	YES
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Operating temperature range	-25° to 70° C / -13° to 158 ° F
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Storage temperature range	-25° to 70° C / -13° to 158 ° F
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Relative humidity	< 95% non-condensing
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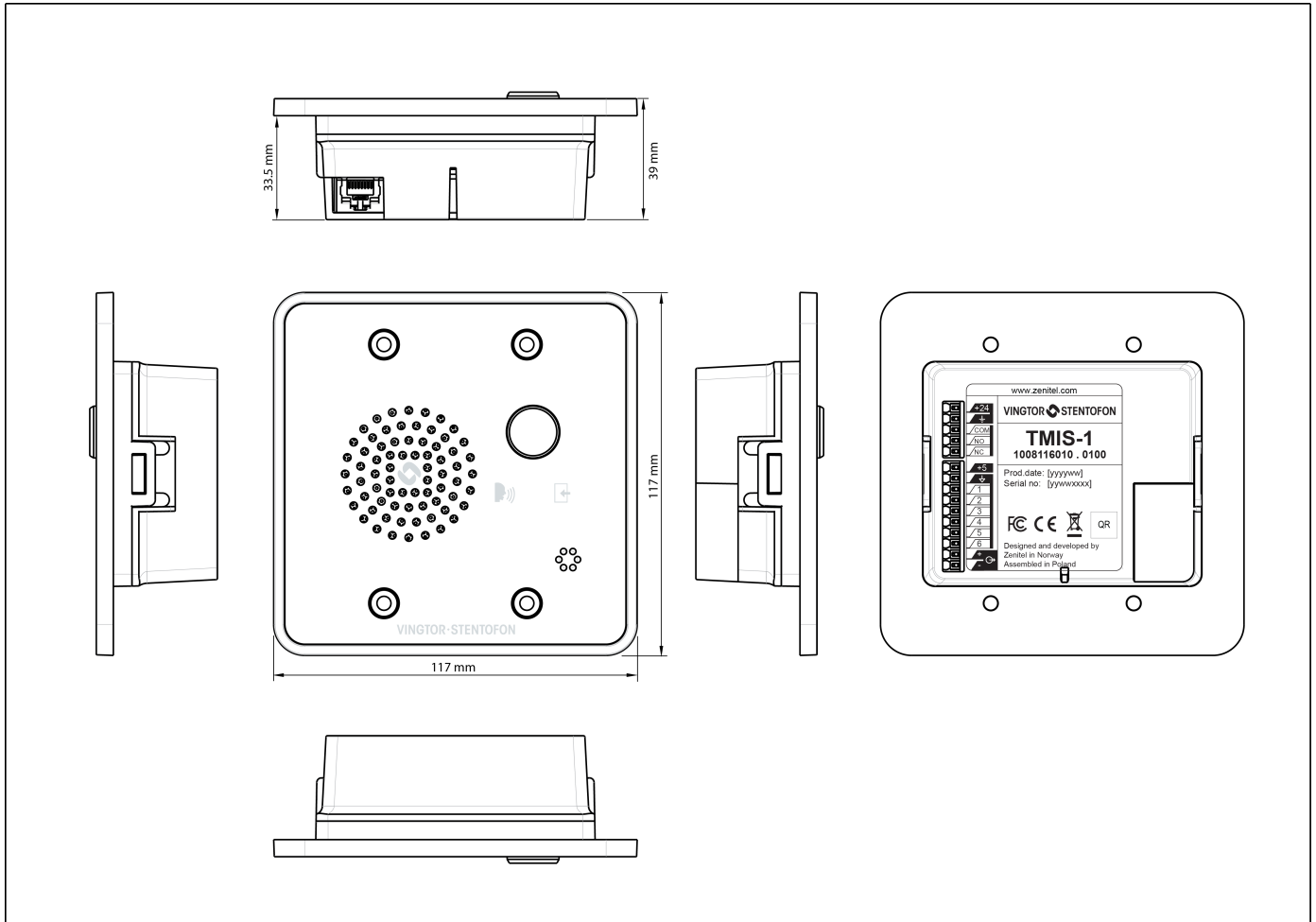
EMC	EN 55022 Class B
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OTHER SPECIFICATIONS

Country of manufacture	Poland
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IP adress information	Speaks IP address after system boot
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TECHNICAL DIMENSIONS



ACCESSORIES



1008140020

TA-2



1008140030

TA-3



1008140130

TA-13



1008140120

TA-12