

TMIS-1

Turbine Mini Intercom



Avaya Certified



CISCO Certified



UL Certified Intercom



Turbine



HD Voice



Automatic Gain Control



Active Noise Cancelling

TOP PICKS*Compiled by Security Products' Staff*

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.

This makes it easy to deploy anywhere and at any distance.

[Watch videos here.](#)

Hanwha Techwin America

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* The latest product information / specification can be found at hanwhasecurity.com

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

**Hanwha Techwin**

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

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.

See also: [additional documentation on wiki.zenitel.com](https://wiki.zenitel.com)

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
Automatic Volume Control (AVC)	Undistorted and clear audio
Acoustic Echo Cancellation (AEC)	Prevents audio feedback even at high volumes (95dB)
10W Speaker	Matches 10W amp for distortion-free broadcast level sound

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)	117 x 117 x 39 mm
Dimensions after flush mount	117 x 117 x 5.5 mm
Weight	0.3 kg
Button material	3 mm / 0.12" Polycarbonate (transparent)
Faceplate material	2 mm / 0.12" PMMA, colour printed on back side
Base / frame material	3 mm / 0.12" Aluminum alloy - A413.0, AlSi12Fe, painted
Electronics cover material	Polycarbonate (translucent)

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CONSTRUCTION

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

NETWORKING & PROTOCOLS

Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, SRTP, DHCP, SNMP, Vingtor-Stentofon CColP® , NTP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), Network Access Control (IEEE 802.1x)
Management and operation	HTTP/HTTPS (Web configuration), DHCP and static IP + IC-EDGE, Remote 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), SIP using TLS, RFC 5630 SIPS URI scheme
DTMF Support	RFC 2833, 2976 (SIP info)

ENVIRONMENT & COMPLIANCES

Ingress Protection rating	IP-42
UV-resistant	YES
Operating temperature range	-25° to 70° C / -13° to 158 ° F
Storage temperature range	-25° to 70° C / -13° to 158 ° F
Relative humidity	< 95% non-condensing
EMC	EN 55022 Class B
Certificates	UL 60950-1, cUL 60950-1, CB to IEC 60950-1

OTHER SPECIFICATIONS

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

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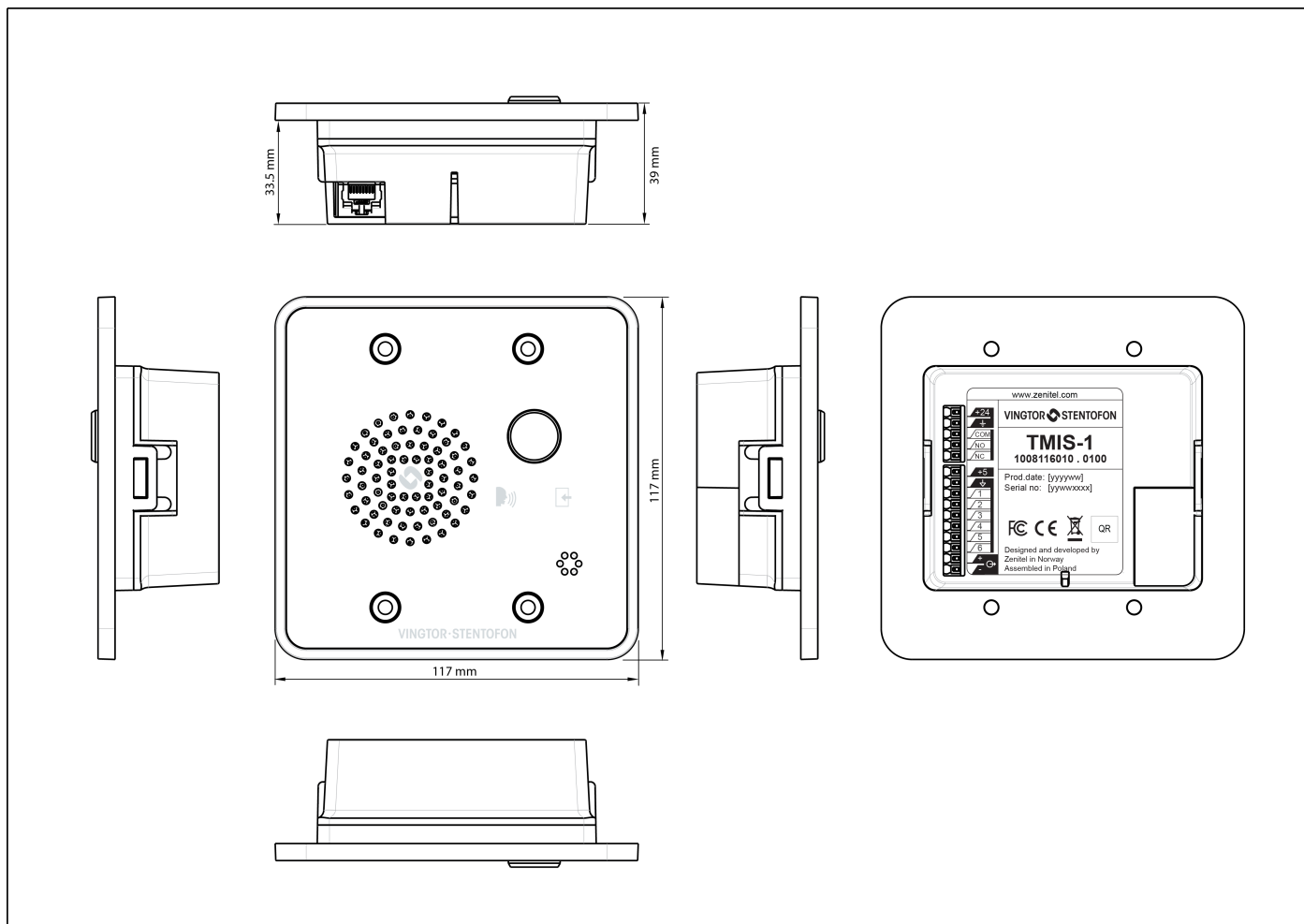
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TECHNICAL DIMENSIONS



ACCESSORIES



TA-2



TA-3



TA-13