zenitel

because communication is critical

1008116010

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.

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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
- ONVIF Compatible
- Ideal for Building Security and Public Environments

All IP stations in the 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

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
Internal speaker amplifier	10 W class D
Internal speaker	1 W

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

CONSTRUCTION

Base / frame material	3 mm / 0.12" Aluminum alloy - A413.0, AlSi12Fe, painted
Electronics cover material	Polycarbonate (translucent)
Loudspeaker poke protection, large diameter objects	Thermoplastic faceplate with machined grille
Loudspeaker poke protection, small diameter objects	Stainless steel mesh, acoustically transparent

NETWORKING & PROTOCOLS

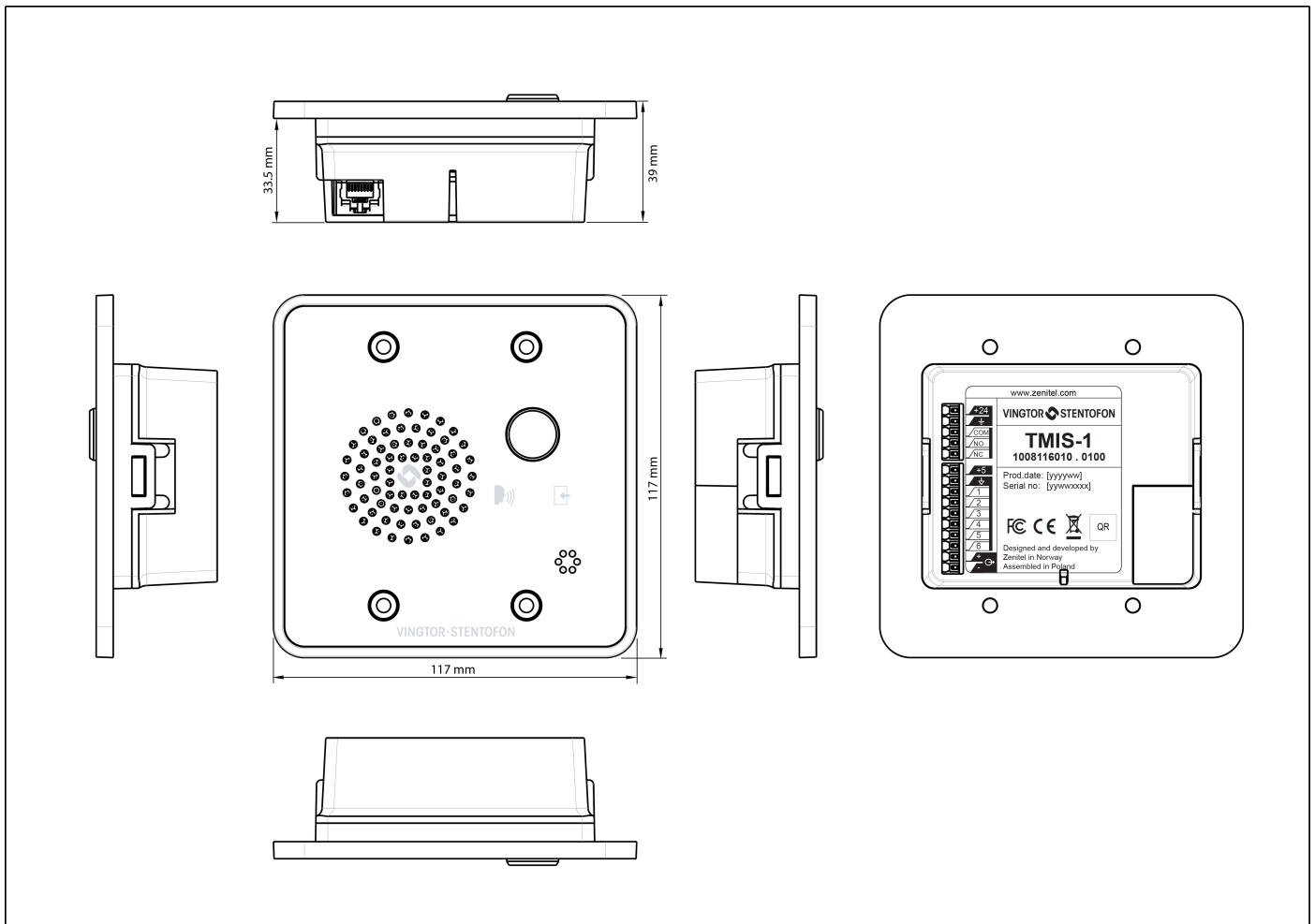|	
Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, SRTP, DHCP, SNMP, ONVIF, CCoIP® , NTP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), Network Access Control (IEEE 802.1x)
Management and operation	HTTP/HTTPS (Web configuration), DHCP and static IP + IC-EDGE, Remote software upgrade, 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 55° C / -13° to 131° F
Storage temperature range	-25° to 55° C / -13° to 131° F
Relative humidity	< 95% non-condensing
EMC	CE and FCC part 15
Certification	UL 62368-1, EN 62368-1
Compliances	EN 61000-6-1, EN 61000-6-3

OTHER SPECIFICATIONS

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

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TECHNICAL DIMENSIONS

ACCESSORIES

TA-2
Item Number: 1008140020

TA-3
Item Number: 1008140030

TA-13
Item Number: 1008140130

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