VINGTOR STENTOFON
by ZENITEL GROUP

PRODUCT SHEET

TCIS-5 - 2-BUTTON VOIP STATION WITH LED DISPLAYS

We believe communication is always a critical component for any type of business you run or service you provide. That is why we specialize in providing intelligent communication solutions in environments where a standard VoIP telephone cannot be used.

Our products address three key requirements:

- Dynamic Noise is very common and can easily interfere with the audio quality. How to provide crystal clear communication in these environments when you need it, where you need and every time you need it?
- How will these products behave on my exisiting communication platform? Your technicians want a product that is easy to configure, deploy and maintain. Your network administrators want a product that is secure and stable.
- You want a product that uses standard open network protocols to ensure that the solution you offer today remains versatile and highly scalable.

The TCIS-5 station addresses these key requirements by combining state-of-the art components, with intelligent software algorithms and a functional design.

This particular unit is desgined for demaning, outdoor environments and is rated IP66 and IK08. <u>Find more technical info online.</u>

In stead of paper labels, this versatile unit uses LED displays which are easily con-figured using a web-browser. The elegant and timeless design also meets the ADA requirements.

Our units use the SIP protocol and support G.711, G.722 and G.729
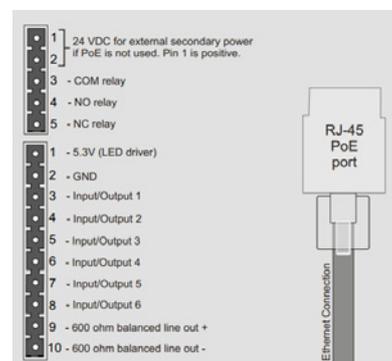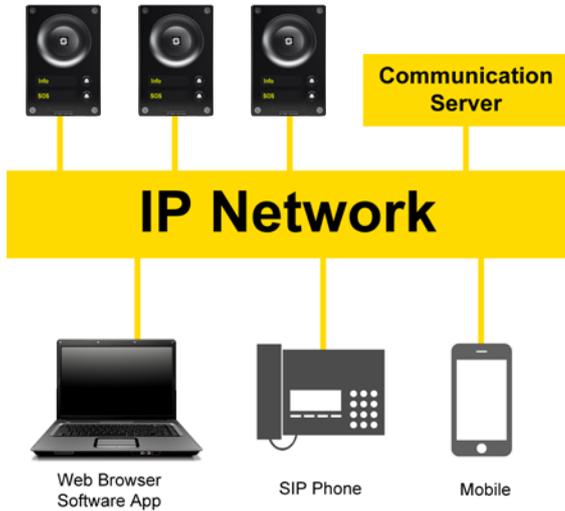

TCIS-5 front

TCIS-5 back

Key Qualities:

- Open Duplex at 95dB thanks to a anechoic speaker design and rigid aluminum frame.
- Active Noise Reduction (up to 30dB) and Automatic Volume Control allows you to hear, be heard and understood in high noise environments.
- Digital MEMS microphones capture a much wider spectrum of the human voice, which results in much better audio processing.
- Class-D 10W amplifier with matching 10W speaker allows you to broadcast at up to 105dB.
- Support a wide set of IP Protocols (SIP, SNMP, HTTP, TFTP, Syslog)
- Configure the units using a standard web-browser or, to save time, configure the units in bulk using a dedicated software tool.
- Control relay and I/Os over IP.
- Powered via PoE or local 24-48 VDC.
- Upload custom audio messages for better user experience.
- Change LED Labels using a web-browser.

1	24 VDC for external secondary power
2	if PoE is not used. Pin 1 is positive.
3	- COM relay
4	- NO relay
5	- NC relay
1	- 5.3V (LED driver)
2	- GND
3	- Input/Output 1
4	- Input/Output 2
5	- Input/Output 3
6	- Input/Output 4
7	- Input/Output 5
8	- Input/Output 6
9	- 600 ohm balanced line out +
10	- 600 ohm balanced line out -

RJ-45 PoE port

Ethernet Connection

TCIS-5 connectors

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PoE | SNMP | 10W | SIP | ACTIVE NOISE CANCELLATION | IP 66 | UL

Value to the customer

- Expand the communication platform beyond the physical limitations of traditional office telephony equipment.
- Provide Intelligible HD Voice Audio in demanding high noise environments.
- Use these communication points both for two-way communication as well as paging.
- Use custom audio messages to better inform the users.
- Manage and operate from your existing communication platform, no need to run a seperate parallel system.
- Use the full benefits of IP technology with open, familiar protocols for maintenance and reporting.
- Powerfull onboard processing for audio, IP signal and integration through relays and I/Os.
- LED Labels will not fade over time and are easily updated using a web-browser.

Acoustic Echo Cancellation: A rigid design, 10W speaker and amp and digital MEMS microphones make it possible for open duplex, hands-free communication up to 95dB.

Auto Volume Control: A voice that is too loud or too soft will be adjusted to an intelligible signal. The speaker volume will be automatically adjusted to an audible level, depending on the ambient noise levels.

Active Noise Reduction: Our stations will detect the voice, amplify that signal, while surpressing up to 30dB of background noise.

Accessories

**1008140010 - TA-1
TURBINE COMPACT ONWALL BOX**

Size (WxHxD): 120 x 180 x 62mm

Find more detailed information about TA-1 online.

1008140050 - TA-5 BRACKET FOR US 2 GANG DOUBLE DEPTH BACK BOX

Size (WxHxD): 109 x 169 x 10 mm

Find more detailed information about TA-5 online.

VINGTOR-STENTOFON by Zenitel

Communication is critical in all areas of business, therefore our expertise is focused on providing intelligent communication solutions that allow you to hear, be heard and be understood, every time.

Zenitel systems interface with other security systems including CCTV, access control and alarm for a comprehensive security solution.

Our primary system offering is within Public Address, Intercom and Radio. Our key markets include: Building Security, Public Safety, Transportation, Industrial Manufacturing, Energy and Maritime.

Zenitel systems provide high availability, scalability, reliability, maintainability, and cyber defensibility. By reducing hardware to a minimum, and keeping the benefits of centralized server management, organizations have more flexibility in scale and performance.