

1008131020

TKIS-2

Voip Intercom Module

 **UL Certified Intercom**

 **CISCO Certified**

 **Avaya Certified**



EXAMPLE OF USE: ELEVATOR

DESCRIPTION

The Vingtor-Stentofon VoIP Intercom Module utilizes the latest technology to create unparalleled audio quality. Some of the many features include: HD voice quality, Open Duplex, Active Noise Cancellation, Automatic Volume Adjustment, MEMS microphone support, and a 10W Class D amplifier. These features, in conjunction with Vingtor-Stentofon's 70 years of experience with acoustic technology are only a few of the many factors that make our audio quality second to none.

WITH THIS KIT YOU CAN:

- build your own IP Intercom station or help point
- Vingtor-Stentofon Audio Presence - crystal clear audio
- Make your own 10W IP Speaker
- Control relay and I/Os over IP
- Supports Exigo, AlphaCom, Pulse and SIP (for use with any IPBX)
- Supports a wide set of IP networking standards
- DIN-rail mountable, clips included
- Add VoIP/CCoIP to your parking solution, cash point, vending machine, et al
- Remote software upgrade, configuration and monitoring
- Powered from the IP network cable using Power over Ethernet (PoE)
- Advanced audio technology like automatic gain and volume adjustment, background noise cancellation, open duplex, etc.

SPECIFICATIONS

AUDIO

| | |
|--|--|
| Noise cancelling - suppression of musical noise | YES |
| Noise cancelling - suppression of static noise | YES |
| Noise cancelling - suppression of rapidly changing noise | YES |
| Codecs | G.711, G.722 |
| Frequency range, G.722 Codec | 200 Hz – 7000 Hz |
| Audio technology | Modes: Full open duplex, switched open duplex, Adaptive jitter filter, Local tone generator, Audio mixing - 3 channels, Sound level detection (scream alarm), Automatic gain control (microphone), Automatic volume adjustment |
| Internal speaker amplifier | 10 W class D |
| Supported microphone technologies | Digital MEMS, omnidirectional microphone. Electret omnidirectional microphone |

AUDIO

Recommended loudspeaker impedance 8 ohm

HARDWARE

Ethernet connector 1 x RJ 45

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 Idle 1.8W, max 12W (depending on volume)

Audio line out / induction loop signal 600 Ohm

NETWORKING AND PROTOCOLS

Protocols IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, STENTOFON 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 + STENTOFON Pulse™. Remote automatic software upgrade. Centralized monitoring

Advanced supervision functions E.g. network test, tone test, status reports

SIP support RFC 3261 (SIP base standard), RFC 3515 (SIP refer), RFC 2976 (SIP info)

DTMF support RFC 2833, 2976 (SIP info)

ENVIRONMENT AND COMPLIANCES

Operating temperature range -40° to 70° C / -40° to 158 ° F

Storage temperature range -40° to 70° C / -40° to 158 ° F

Relative humidity < 95% not condensing

EMC CE and FCC Part 15

Certificates UL 60950-1

cUL 60950-1

CB to IEC 60950-1

OTHER SPECIFICATIONS

System boot time Under 10 seconds

IP address information Speaks IP address after system boot (requires connected loudspeaker)

Country of manufacture Norway

Dimensions (HxWxD) 71 x 86 x 32 mm

Weight 0.1 kg / 0.2 lbs

Encapsulation material ASA plastic

DIN-rail clips Wago 209 (included)

TECHNICAL DIMENSIONS

