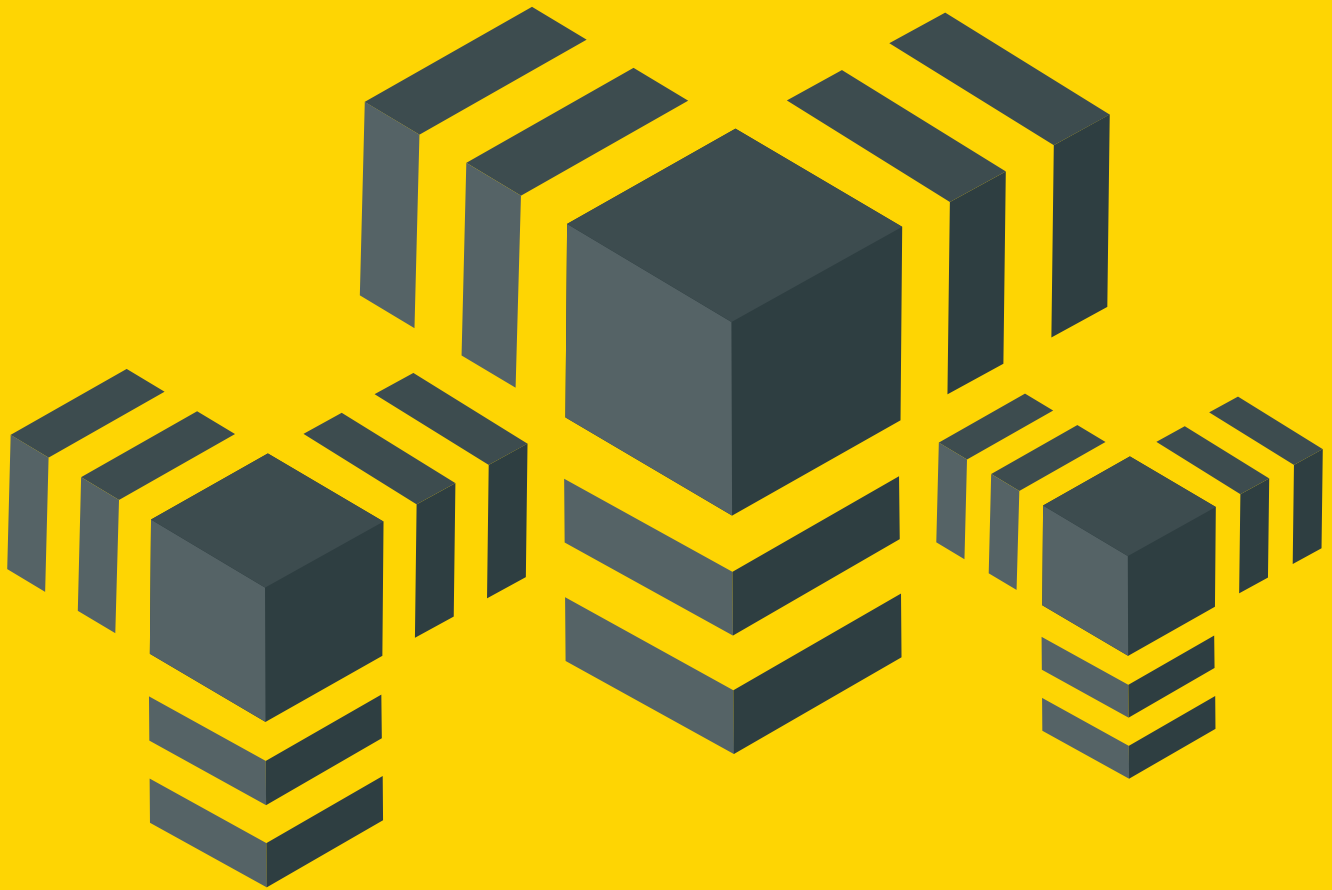


VINGTOR  STENTOFON



# SIP

**UNIFIED COMMUNICATION**

One System, One Language, Endless Possibilities

 when communication is critical

# ONE SYSTEM

## UNIFIED COMMUNICATION

In the same way people from around the world speak different languages, so do communication devices. A Unified Communication system is a solution based on the connection of independent devices to the same network. It opens up the exchange of data, voice and video on different devices in a variety of ways - all through one network. This gives you the advantage of being able to choose products from different providers to suit your needs.

**Unifying the corporate communication system into a single IP network enables a business to:**

**CONSOLIDATE** all communication through a single and practical IP network

**REDUCE COSTS** within maintenance, IT support, and travel expenditures

**ENHANCE INTERACTIONS** by easily identifying when a colleague is available

**CREATE SYNERGY** by facilitating productive interactions and valuable information sharing through efficient communication

**INCREASE PRODUCTIVITY** by streamlining communication to increase work efficiency

# THE BENEFITS OF SIP

# ONE LANGUAGE

## SIP

While the network carries the information, SIP (Session Initiated Protocol) can best be described as the language that makes it possible for a vast range of communication devices to communicate with each other. SIP enabled products are compatible with any IP PBX.

# ENDLESS POSSIBILITIES

## VINGTOR-STENTOFON SIP

We offer products specifically for integration in a preexisting or new VoIP system. In addition, we've made the inside of our products available as Kits for you to customize and design tailor-made solutions. Quality and flexibility are only two of the many reasons why Vingtor-Stentofon products are used all over the world.

We hope our SIP products and solutions will inspire you to discover the endless possibilities of SIP and identify how Vingtor-Stentofon SIP products can complement your communications system.

# VINGTOR-STENTOFON SIP

## Offering our IP product range in SIP mode is a natural progression in our innovation-driven history.

Vingtor-Stentofon SIP is a result of our dedication to provide our customers with the best products that work anywhere in any IPBX system. Our products are constantly evolving and are tested regularly in our lab. They are already integrated in networks from Samsung, Mitel and Aastra. We have also tested for compliance with Avaya and Cisco. Our products are certified for integration in both Avaya, Cisco, NEC and Alcatel-Lucent systems.



The Vingtor-Stentofon SIP Intercom solution has successfully passed compliance testing with Avaya Aura Session Manager and is officially recognized as compliant.



The Vingtor-Stentofon IP Intercom Stations with SIP software version 2.2 have tested compatible with Cisco Unified Communications Manager.



The Vingtor-Stentofon SIP Intercom solution is compatible with the following NEC platforms:  
All NEC IP PBX Family  
3C : Softswitch  
SV8300 : IP PBX  
iS3000 : Hybrid PBX



Selected stations are compatible with Alcatel-Lucent OmniPCX Enterprise R10.

### Additional advantages to choosing Vingtor-Stentofon:

#### IN-HOUSE DEVELOPMENT

Vingtor-Stentofon's products evolve from our own Research & Development and are designed in-house.

#### PRODUCT LIFE-CYCLE

Our products are designed from the ground up with thoughtful consideration to full life-cycle and backwards compatibility.

#### FLEXIBILITY & INTEGRATION

Integration is a key asset of all our products. Vingtor-Stentofon products can be integrated in almost any SIP based IPBX system. Software upgrades can be done remotely and our products are compatible with IP, serverless and SIP networks as a standard.

#### QUALITY ASSURANCE

Vingtor-Stentofon holds many type-approvals, accreditations, and other international regulatory certifications. Our portfolio of certifications grows steadily each year.

#### SERVICE

Vingtor-Stentofon is proud to offer comprehensive service support for all its products, including system design & setup, on-site installation, commissioning, and service contracts. Moreover, we are represented in more than 60 countries worldwide.

### STANDARD REQUIREMENTS?

We offer products ready-made, specifically for integration in a pre-existing or new SIP system. It's as easy as PLUG & PLAY as these stations are easy to install and use.

### SPECIAL REQUIREMENTS?

We've made the inside of our products available as Kits, allowing you to CUSTOMIZE according to your specific needs. (See Page 16.)

### OUT OF REACH?

Simply add a Flowire Converter. Extends signal strength on IP cables from 100m/328ft to 1500m/4920ft. (See Page 17.)

### OLD INFRASTRUCTURE?

Flowire can extend the reach of an IP signal by 20 times on a Cat5 cable. It has the ability to convert digital IP signals to analog and vice versa. This makes retrofitting more affordable as you can use pre-existing cables and still attach IP devices. (See Page 17.)

# THE SIP FAMILY

## WAREHOUSE



Industrial Turbine Station

## PUBLIC ADDRESS



Loudspeakers

## DOOR ENTRY



## RECEPTION

SIP Integrated Desktop Station  
(from any supplier)

## ELEVATOR



Flowwire Converter



CONTROL ROOM  
IP Flush Master

## OFFICES



SIP Integrated Desktop Station  
(from any supplier)

## PUBLIC ADDRESS



Loudspeakers

## CAR PARK SECURITY

Secure parking lots with CCTV surveillance and help points. Our solutions provide you with the possibility of placing a CCTV up to 1000 meters away from the control room, without the need for switches and/or repeaters.

See Page 16 for more information...

## HELP POINT



Custom-built Help Point Station Kits

## turbine

The Turbine Series is designed for the most demanding environments where communication is critical.

The stations are extremely robust - they are dust-proof, and water & vandal resistant. All electronics are enclosed by a 3 mm thick, aluminum die-casted base. This base is further reinforced by a faceplate in either stainless steel or thermoplastic.

See Page 10 for more information

## FLOWIRE ETHERNET CONVERTER

IDEAL FOR RETROFIT PROJECTS

IP communication over two-wire - all made possible with a simple box.

See Page 17 for more information



Our substations provide easy communication and can be used as door entry or emergency points.



## 1008031000 CRM-V IP FLUSH MASTER WITH DISPLAY

- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- White light behind all keys
- Four freely programmable single-touch keys (DAK)
- Superb audio technology
- Optional handset unit
- Remote upgrade, configuration and monitoring
- Background Noise Cancellation

Size (WxHxD): 125 x 280 x 30mm Wt: 0.63kg

Accessories: 1008097500 Gooseneck Microphone, 1008097100 Handset, 1008098700 Flush Mount Back Box, 2810020004/5/6 Desk Stand

## MASTER STATIONS



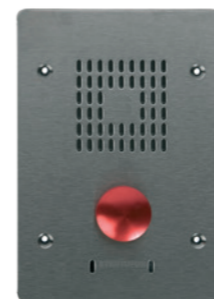
## 1008015000 IP OR MASTER WITH DISPLAY

- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- Flat chemical resistant and anti-bacterial front surface for easy cleaning
- 4 freely programmable single-touch keys (DAK)
- Superb audio technology – possible to talk and listen at a distance (5m)
- Integrated web server for easy configuration and monitoring
- Background Noise Cancellation

Size (WxHxD): 125 x 280 x 30mm Wt: 0.63kg

Accessories: 1008098700 Flush Mount Back Box

## IP VANDAL RESISTANT SUBSTATIONS

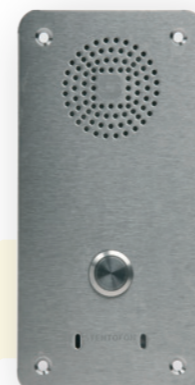


## 1008051000 IP VANDAL RESISTANT SUBSTATION, 3-GANG BACK BOX

- Vandal resistant design with 2 mm stainless steel front, tamper-proof fastening screws, buttons and loudspeaker grills
- 0 - 50°C environment
- Background Noise Cancellation

Size (WxHxD): 114 x 160 x 63mm Wt: 0.8kg

Accessories: 1008098300 3-Gang Flush Mount Back Box



## 1008041100 / 1008042100 IP VANDAL RESISTANT SUBSTATION

- Vandal resistant design with 2 mm stainless steel front, tamper-proof fastening screws, buttons and loudspeaker grills
- 0 - 50°C environment
- Background Noise Cancellation
- 1008041100: 1 Button
- 1008042100: 2 Buttons

Size (WxHxD): 92 x 180 x 46mm Wt: 0.8kg

Accessories: 1008098100 Flush Mount Back Box, 1008098000 On Wall Back Box

### ALL IP VANDAL RESISTANT SUBSTATIONS:

- Connect directly to the IP network without geographical limitation
- Dual Ethernet ports for connection to other IP devices
- Connect to external IP video cameras
- One relay output for door lock control or flash strobe lights, etc.
- Remote software upgrades, configuration and monitoring
- Durable, stainless steel frontplates (A304)



## 1401101000 / 1401102000

### IP VANDAL RESISTANT VIDEO STATION

- Robust housing with Aluminium frontplate
- IP65 protection to front
- PoE Powered from one IP network cable
- IP Video camera
- AlphaCom Substation with all CoIP features
- Relay output for remote control, e.g. doors, signal lamps and gates
- Button with bi-color LED ring
- 1401101000: with CP-CAM camera
- 1401102000: with AXIS camera

Size (Diam x Depth): 260 x 150 x 41mm Wt: 1kg

Accessories: 1401199101 Flush Mount Box, 1401199111 On-Wall Housing, 1401199112 Weather Protection Roof



1008116010

### TMIS-1

- 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

Size (WxHxD): 116 x 116 x 40 mm Wt: 0.3 kg

Accessories: 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140030 TA-3 Turbine Compact Flush Back Box, 1008140120 TA-12 Turbine Mini On-Wall Backbox Black, 1008140130 TA-13 Turbine Mini On-Wall Backbox White



1008116020

### TMIS-2 TURBINE MINI

- Background Noise Cancellation
- Vandal Resistant Design
- 11 Gauge Stainless Steel Faceplate

Size (WxHxD): 114 x 114 x 55 mm Wt: 0.5 kg

Accessories: 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140030 TA-3 Turbine Compact Flush Back Box, 1008140120 TA-12 Turbine Mini On-Wall Backbox Black, 1008140130 TA-13 Turbine Mini On-Wall Backbox White



1008115020

### TCIV-2

- HD Video at up to 25 FPS (720p)
- Wide angle lens (90°)
- MJPEG and H.264 for integration with most Video solutions
- Designed according to Disability Act requirements
- Background noise cancellation
- Dirt, dust and water resistant - rating IP-65
- Stainless steel front plate with one button

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008115030

### TCIV-3

- HD Video at up to 25 FPS (720p)
- Wide angle lens (90°)
- MJPEG and H.264 for integration with most Video solutions
- Designed according to Disability Act requirements
- Background noise cancellation
- Dirt, dust and water resistant - rating IP-65
- Black thermoplastic front plate with one button

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008115060

### TCIV-6

- HD Video at up to 25 FPS (720p)
- Wide angle lens (90°)
- MJPEG and H.264 for integration with most Video solutions
- Designed according to Disability Act requirements
- Background noise cancellation
- Dirt, dust and water resistant - rating IP-65
- Black thermoplastic front plate with scrolling unit for calling to an unlimited number of places
- PMOLED display

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111020

### TCIS-2

- Stainless steel front plate with one button
- Ideal for Building Security and Public Environments
- Background Noise Cancellation

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111030

### TCIS-3

- Black thermoplastic front plate with one button
- Ideal for Building Security and Public Environments
- Background Noise Cancellation

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111040

### TCIS-4

- Unique labeling solution with PMOLED display
- Ideal for Building Security and Public Environments
- Background Noise Cancellation

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



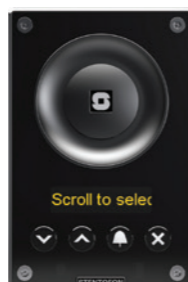
1008111050

### TCIS-5

- Unique labeling solution with PMOLED display
- Ideal for Building Security and Public Environments
- Background Noise Cancellation

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111060

### TCIS-6

- Black thermoplastic front plate with scrolling unit for calling to an unlimited number of places
- PMOLED display
- Ideal for Building Security and Public Environments
- Background Noise Cancellation

Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

## EXPLOSION PROOF IP INTERCOM STATIONS

# DEVELOPED FOR DEMANDING ENVIRONMENTS

The Turbine Ex intercom stations are rugged devices, designed for harsh environments and meet industrial and offshore requirements. The reinforced polymer housing is designed to withstand most chemical and environmental hazards found on land or offshore.



1008123010

### TFIX-1

- Ex IP intercom for potentially explosive atmospheres Directive 94/9/EC
- Ethernet compatible 2-wire interface
- DIP functionality for use with AlphaCom servers
- SIP/VoIP functionality for use with 3rd-party systems
- Dust- and water-protected to IP66
- Monitoring and self-diagnostics of critical functionality
- Visible status indicators on front panel
- Background Noise Cancellation



Size (WxHxD): 178 x 345 x 101 mm Weight: 4 kg

Accessories: 1023533511 EMMAX-1H Mic, 1008150030 TAX-3 Handset, AK5850HS Headset, 1008150025 TAX-2B Cable & Plugbox

1008123020

### TFIX-2

- Ex IP intercom for potentially explosive atmospheres Directive 94/9/EC
- Ethernet compatible 2-wire interface
- DIP functionality for use with AlphaCom servers
- SIP/VoIP functionality for use with 3rd-party systems
- Dust- and water-protected to IP66
- Monitoring and self-diagnostics of critical functionality
- Visible status indicators on front panel
- Background Noise Cancellation



Size (WxHxD): 178 x 345 x 101 mm Weight: 4 kg

Accessories: 1023533511 EMMAX-1H Mic, 1008150030 TAX-3 Handset, AK5850HS Headset, 1008150025 TAX-2B Cable & Plugbox

1008123030

### TFIX-3

- Ex IP intercom for potentially explosive atmospheres Directive 94/9/EC
- Ethernet compatible 2-wire interface
- DIP functionality for use with AlphaCom servers
- SIP/VoIP functionality for use with 3rd-party systems
- Dust- and water-protected to IP66
- Monitoring and self-diagnostics of critical functionality
- Visible status indicators on front panel
- Background Noise Cancellation



Size (WxHxD): 178 x 345 x 101 mm Weight: 4 kg

Accessories: 1023533511 EMMAX-1H Mic, 1008150030 TAX-3 Handset, AK5850HS Headset, 1008150025 TAX-2B Cable & Plugbox



# INDUSTRIAL IP INTERCOM STATIONS

Industrial and Heavy Duty stations for critical communication in rough environments.



HD VOICE IP66 PoE 10W

**1008111010**  
**TCIS-1**

- Yellow thermoplastic front plate with one button + M and C

**Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg**

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

Need to communicate in a demanding work environment? Our Industrial and Heavy Duty stations have you covered. The stations function as excellent end-points of emergency hotlines as well.

**1008122010**  
**TFIE-1 INDUSTRIAL TURBINE**



**Size (WxHxD): 178 x 345 x 101 mm Weight: 1.9 kg**

Accessories: 1023533311 EMMAI-1H Mic, 1023533312 EMMAI-2H Mic, 1008140230 TA-23 Handset, AK5850HS Headset, 1008140225 TA-22B Cable & Plugbox, 1008140100 TA-10 Relay Module

**1008122020**  
**TFIE-2 INDUSTRIAL TURBINE**



**Size (WxHxD): 178 x 345 x 101 mm Weight: 1.9 kg**

Accessories: 1023533311 EMMAI-1H Mic, 1023533312 EMMAI-2H Mic, 1008140230 TA-23 Handset, AK5850HS Headset, 1008140225 TA-22B Cable & Plugbox, 1008140100 TA-10 Relay Module

HD VOICE IP67 PoE 2.5W

**1008072220 / 1008072120**  
**IP HEAVY DUTY TELEPHONE, HOTLINE**

- 1008072220:w/ Door, 1008072120:without Door



**Size (WxHxD): 205 x 320 x 148mm Wt: 5.4kg**

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

**1008072200 / 1008072100**  
**IP HEAVY DUTY TELEPHONE, FULL KEYPAD**

- 1008072200:w/ Door, 1008072100:without Door



**Size (WxHxD): 205 x 320 x 148mm Wt: 5.4kg**

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

# BUILDING SECURITY

Important messages are worthless if they can't be communicated to the proper recipients.

SIP stations and loudspeakers ensure that you get your message across in critical situations, both indoors and outdoors.

In this regard, the Vingtor-Stentofon solution fulfills all the requirements for a complete building security system.

## SIP LOUDSPEAKERS

- Ideal for Micro Zone PA and systems that require a limited number of speakers
- Each speaker is individually addressable
- Ideal for speakers installed in remote locations, e.g. roads and railways
- Remote software upgrade, configuration, and monitoring
- Integrated data switch with advanced networking and security functions
- Relay output for remote control, e.g. doors, signal lamps, gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec and adaptive jitter filter

1023300010

### ELSIR-10C NETWORK CEILING LOUDSPEAKER



Size (Diam x Depth): 199 x 111 mm Wt: 1.4 kg

1023301310

### ELSII-10H NETWORK HORN LOUDSPEAKER



Size (WxHxD): 186 x 144 x 207 mm Wt: 1.8 kg



#### EVACUATION ZONES WITH INTERCOM

Easily identify and quickly dispatch help to those who are unable to evacuate due to inoperative elevators.



#### STAFF ENTRANCE / SIDE DOOR

Card reader for door opening and Intercom with CCTV provides secure and easy access to the premises.



#### HELP POINT

In case of emergency or need for assistance.



#### MAIN RECEPTION

A single receptionist can handle all assistance and communication from one location.



#### ELEVATOR COMMUNICATION

Instant communication with control room.



#### IP ADDRESSABLE SPEAKERS

For Public Address and General Alarm.



#### CONTROL ROOM

Seamless integration with radio, building management system, CCTV, access control.



#### NETWORKING TO REMOTE SITE

IP technology provides easy integration of remote sites in a single solution.

#### TECHNICAL ROOM

Required for larger installations to accommodate servers and maintain system redundancy.

#### ROAMING GUARD WITH RADIO

Direct communication line to security guard on patrol.



#### ENTRANCE AND GATES

Efficient audio and video assistance for visitors or deliveries.





# SIP STATION KITS

Our SIP Station Kits feature the same electronics cards that are used in Vingtor-Stentofon's own products. If you require the same functionality, but in a custom-built configuration, the Kits will suit your every need. The Kits are designed for building stations to the highest specification and for use in the harshest of environments.

Vingtor-Stentofon SIP Station Kits can be used in a wide range of configurations. For example, the Kit enables you to connect CCTV and door control to a Unified Communication system.



**1008093000**

## IP MASTER STATION KIT

- Made for Critical Communication over IP
- Supports full keyboard including direct access keys (DAK) and dynamic keys
- Supports handset and headset
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Remote software upgrade, configuration and monitoring

**Size (WxHxD): 88 x 152 x 20mm Wt: 0.13kg**

Accessories: 1008099000 Display for IP Master Station Board, 5 Pieces



**1008090200**

## IP SUBSTATION KIT

- Made for Critical Communication over IP
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Enables manufacturing of EN 81-28 and 81-70 compliant lift stations
- Remote software upgrade, configuration and monitoring

**Size (WxHxD): 72 x 110 x 20mm Wt: 0.1kg**

Accessories: 1008091000 Mounting and Assembly Kit for IP Substation



**1008090250**

## IP SUBSTATION KIT, CONFORMAL COATED

- Made for Critical Communication over IP
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Enables manufacturing of EN 81-28 and 81-70 compliant lift stations
- Remote software upgrade, configuration and monitoring

**Size (WxHxD): 72 x 110 x 20mm Wt: 0.1kg**

Accessories: 1008091000 Mounting and Assembly Kit for IP Substation



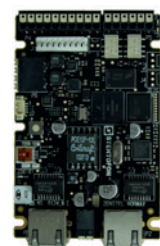
**1008131020**

## TKIS-2 VOIP INTERCOM MODULE

- DIN-rail mountable, clips included
- Add VoIP/CCoIP to your parking solution, cash point, vending machine, et al
- Build your own IP Intercom station or help point
- Make your own 10W IP Speaker
- Control relay and I/Os over IP
- Supports AlphaCom, Pulse and SIP (for use with any IPBX)
- Supports a wide set of IP networking standards
- 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.
- 1008131010 TKIS-1 Turbine Kit (Compact Card)

**Size (WxHxD): 117 x 71 x 32 mm Wt: 0.1 kg**

Accessories: 1008140170 TA-17 electret mic



**1008132010**

## TKIE-1 TURBINE EXTENDED KIT

- IP station kit with extended functionality
- Dual RJ45 for Ethernet connectivity (with switch)
- Dual relays (DPDT)
- 6 configurable I/Os (input, output or LED-driving)
- Line-in/Line-out connectivity for connection to audio devices
- Header for connecting audio accessories
- Option to connect high-power relay module TA-10
- High quality Turbine™ class output with 10W amplifier
- Full open duplex and digital noise reduction.

**Size (WxHxD): 100 x 65 x 25 mm Wt: 0.1 kg**

Accessories: 1008140100 TA-10 Relay Module



**1008080110 / 1008080210**

## FCDC1 / FCDC2 FLOWWIRE ETHERNET CONVERTER, DC VOLTAGE

- One single pair of cable can be used to distribute power and data
- The cable hauls can be longer, up to 1 km, reducing the need for switches and/or repeaters
- Up to 10 Flowwire devices can be connected to the same 2-wire bus/star structure
- Existing infrastructure can be used, even though only a single pair is available. This reduces the total cost of retrofit projects
- The Flowwire converter can be used with any Ethernet enabled device (not limited to Vingtor-Stentofon products)
- FCDC1: 24-48 VDC
- FCDC2: 24 VDC non-PoE for Ex equipment

**Size (WxHxD): 110 x 66 x 17mm Wt: 300g**

Accessories: 2990101120 XP Power Supply, 2990101240 XP Power Supply, 2990102120 Powerbox PSU, 2990102240 Powerbox PSU

**FLOWWIRE**

**CONNECTING THE PAST**

**EXTENDING**

**THE FUTURE**

The Flowwire Ethernet Converter is a great way to transmit digital signals on an analog network.



Connecting the past with the future. Sometimes it's amazing how much you can achieve with so little.

Since signal conversion is done by the low-cost Flowwire Ethernet Converter, simply add it to your existing two-wire cabling to extend its use.

One of the biggest expenses when installing a communication system is wiring/cabling. With Flowwire, huge cost reductions in retrofit projects can be attained.

# SIP ACCESSORIES

Backboxes, Microphones, and Handsets facilitate the deployment of our SIP stations.



## 1008098000 ON WALL BACKBOX

- On wall Mount Backbox for Vandal Resistant Substation, IP and Traditional

Size (WxHxD): 92 x 180 x 52mm Wt: 0.8kg

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation, 1007056200 Vandal Resistant Substation 2 Button

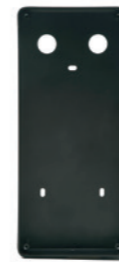
## 1008140100 TA-10 RELAY MODULE

- Designed for use with Turbine Industrial IP Intercom stations
- Powered by Turbine Industrial stations (TFIE-x) or Turbine Extended Kit (TKIE-1)



Size (WxHxD): 100 x 50 x 40 mm Wt: 0.1 kg

Related items: 1008122010 TFIE-1, 1008122020 TFIE-2, 1008132010 TKIE-1



## 1008098600 ON WALL BACKBOX

- On wall mount backbox for IP Flush Master Stations

Size (WxHxD): 125 x 280 x 34mm Wt: 0.5kg

Related items: 1008031000 IP FLUSH Master, Display, 1008010100 IP DAK-48 Unit



## 1401199101 FLUSH MOUNT BACKBOX

- On-wall flush mount box for IP Vandal resistant video station

Size (WxHxD): 125 x 280 x 34mm Wt: 0.5kg

Related items: 1401110100 IP Vandal Resistant Video Station, 1401110200 IP Vandal Resistant Video Station

## 1008140010 TA-1 TURBINE COMPACT ON-WALL BACKBOX

- For on-wall mounting of all Turbine Compact



Size (WxHxD): 120 x 180 x 62mm Wt: 0.8kg

Related items: All Turbine Compact Stations

## 1008140050 TA-5 WALL BRACKET FOR TURBINE COMPACT

- Wall bracket for Turbine Compact Stations



Size (WxHxD): 169 x 109 x 10 mm Wt: 0.2 kg

Related items: All Turbine Compact Stations

## 1008140120 / 1008140130 TA-12 / TA-13 TURBINE MINI ON-WALL BACK BOX

- TA-12 Black / TA-13 White



Size (WxHxD): 124 x 122 x 65 mm Wt: 0.4kg

Related items: Turbine Mini Stations TMIS-1 & TMIS-2

## 1401199111 ON WALL HOUSING

- On wall housing for IP Vandal Resistant Video Station



Size (WxHxD): 138 x 248 x 41 mm Wt: 1 kg

Related items: 1401110100 IP Vandal Resistant Video Station, 1401110200 IP Vandal Resistant Video Station

## AK5850HS AK5850HS EX HEADSET

- Rugged headset for Ex application
- Designed for Turbine Ex explosion-proof intercoms



Size (WxHxD): 210 x 150 x 70 mm Weight: 400 g

Accessories: TA-22B / TAX-2B Ex-approved Cable and Plugbox

## 1008140230 / 1008150030 TA-23 / TAX-3 HANDSET

- TA-23 for Turbine Industrial intercoms
- TAX-3 for Turbine Ex intercoms



Size (WxHxD): 200 x 70 x 50 mm Weight: 310 g

## 1023533011 EMMAR-1H HANDHELD MIC FOR ECPIR-3P

- Push-To-Talk button
- 3-meter curly cord
- Equipped with locking DIN plug



Size (WxHxD): 71 x 99 x 39 mm Weight: 0.8 kg

Additional Information: IP-66

## 1008140030 TA-3 TURBINE COMPACT FLUSH BACKBOX

- Flush mount backbox for Turbine Mini Stations



Size (WxHxD): 96 x 96 x 64mm Wt: 0.4kg

Related items: Turbine Mini Stations TMIS-1 & TMIS-2

## 1023533312 / 1023533511 EMMAI-2H / EMMAX-1H MIC

- EMMAI-2H for Turbine Industrial intercoms
- EMMAX-1H for Turbine Ex intercoms



Size (WxHxD): 44 x 68 x 21.5 mm Weight: 0.22 kg

Additional Information: IP-66

## 1023533311 EMMAI-1H INDUSTRIAL MIC

- Handheld microphone for Industrial application



Size (WxHxD): 71 x 99 x 39 mm Weight: 0.8 kg

Additional Information: IP-66

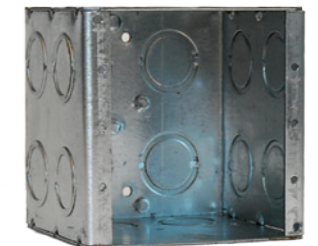
## 1008140225 / 1008150025 TA-22B / TAX-2B CABLE AND PLUGBOX FOR AK5850HS HEADSET

- 10m cable
- TA-22B for Turbine Industrial intercoms
- TAX-2B for Turbine Ex intercoms



## 1008140020 TA-2 TURBINE COMPACT FLUSH BACKBOX

- Flush mount backbox for Turbine Compact Stations



Size (WxHxD): 96 x 96 x 90 Wt: 0.5kg

## 1008098300 3 GANG FLUSH MOUNT BACKBOX

- Flush Mount Backbox for IP Vandal Resistant Substation, 3 Gang Back Box

Size (WxHxD): 98 x 145 x 66mm Wt: 0.8kg

Related items: 1008051000 IP Vandal Resistant Substation - 3 Gang Back Box



## 1008098700 FLUSH MOUNT BACKBOX

- Flush mount backbox for IP Flush Master Stations inclusive IP OR Master Station

Size (WxHxD): 116 x 270 x 40mm Wt: 0.5kg

Related items: 1008015000 IP OR Master, 1008031000 IP Flush Master, display, 1008010100 IP DAK-48 Unit

## 1008098800 FLUSH MOUNT BACKBOX

- Backbox for handset module for IP Flush Master

Size (WxHxD): 58 x 270 x 40mm Wt: 0.3kg

Related items: 1008097100 Handset



## 1008098100 FLUSH MOUNT BACKBOX

- Flush Mount Backbox for Vandal Resistant Substation, IP and Traditional

Size (WxHxD): 80 x 168 x 50mm Wt: 0.8kg

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation

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**[sales@zenitel.com](mailto:sales@zenitel.com)**

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