



Supplied & Installed by

Alarm & Communication
SYSTEMS • LIMITED • • • • •



STENTOFON SIP

UNIFIED COMMUNICATION

One System, One Language, Endless Possibilities

Alarm & Communication Systems

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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 connecting 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 that suits your needs.

Unifying a business's communication 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 travelling costs

ENHANCE INTERACTIONS: easily identify when a colleague is available and get in touch

CREATE SYNERGY: successful and efficient communication facilitates productive interactions and valuable information sharing

INCREASE PRODUCTIVITY: stream lined communication is efficient, reducing wasted time

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 IPBX.

ENDLESS POSSIBILITIES

STENTOFON SIP

We offer products specifically for integration in a preexisting or new SIP system. In addition we've made the inside of our products available as KITS for you to customize for any need. This enables anyone to customize and design tailor-made solutions. Quality combined with flexibility are only two of the many reasons why STENTOFON products are found all over the world.

By presenting you with SIP products and solutions, we hope to inspire you to discover the endless possibilities of SIP and identify how STENTOFON SIP products can complement your communications system.

STENTOFON SIP

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

It 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 for compliance with Asterisk and Microsoft Lync. They are already integrated in networks from Samsung, Mitel and Aastra. We have also tested for compliance with Avaya and Cisco and our products are certified for integration in both Avaya and Cisco systems.



The STENTOFON SIP Intercom solution has successfully passed compliance testing with Avaya Aura Session Manager 6.2 and is officially recognized as compliant.

STENTOFON IP Intercom Stations with SIP software version 2.2 have tested compatible with Cisco Unified Communications Manager, 8.6.

Additional advantages to choosing STENTOFON:

IN-HOUSE PRODUCTION

STENTOFON's products are its own, our research, development and design is all done in-house.

PRODUCT LIFE-CYCLE

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

FLEXIBILITY & INTEGRATION

Integration is a key asset to all our products. STENTOFON products can be integrated in 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

STENTOFON holds many type approvals, accreditations, and other international regulatory certifications. Our certifications grow steadily each year.

SERVICE

STENTOFON is proud to offer comprehensive service support with all its products, including system design & setup, on-site installation, commissioning, and 24/7 service contracts. We are represented in more than 60 countries.



STANDARD REQUIREMENTS?

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

SPECIAL REQUIREMENTS?

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

OUT OF REACH?

Simply add a Flowire card.
Extends signal strength on IP-cable from 100m/328ft to 1500 meters/4920 feet (See Page 17).

OLD INFRASTRUCTURE?

Flowire can extend the reach of an IP-signal with 20 times on a Cat 5 cable. It has the ability to convert digital IP signals to analog and analog to digital. This makes retrofitting more affordable as you can use pre-existing cables and still attach IP-devices. (See Page 17).

THE SIP FAMILY

RECEPTION
SIP Integrated
Desktop
Station
(from any supplier)

ETHERNET FLOWIRE CONVERTER KIT

Have a building with analog cables? Or IP cables? Or a combination of both? It really doesn't matter now that the Flowire is here. IP communication regardless of cabling - made possible with a simple card.

Turn to Page 17 for more information...

ANALOG CABLE

WAREHOUSE



Heavy Duty
Page 12

PUBLIC ADDRESS



Loudspeakers
Page 14

DOOR ENTRY



CAR PARK SECURITY

Secure parking lots with CCTV surveillance and help points. Our solutions gives you the possibility to place a CCTV up to 2000 meters away from the control room, without the need of switches and/or repeaters.

Turn to Page 16 for more information...


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 3mm thick, aluminum die-casted base. This base is even further reinforced by a faceplate in either stainless steel or thermoplastic.

Turn the page for more information

ELEVATOR



Flowwire
Page 17



CONTROL ROOM

IP Flushmaster
Page 10

IP CABLE

OFFICES

SIP Integrated
Desktop
Station
(from any supplier)

PUBLIC ADDRESS



Loudspeakers
Page 14

HELP POINT



Custom built Help Point
See Station Kits,
Page 16

ETHERNET FLOWIRE CONVERTER KIT

UP TO 20x CAT CABLE EXTENSION

The Ethernet Flowwire Converter Kit can enforce IP-signals, expanding the reach 20x for a CAT-cable - from 100 meters to over 2000 meters. Creating an ideal solution for connecting remote stations without jeopardizing quality.

Turn to Page 17 for more information



Critical Communication over IP®

We're taking VoIP a step further with Critical Communication over IP® (CCoIP).

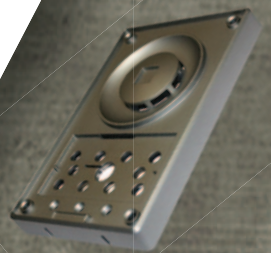
CCoIP® allows for additional IP services and applications not included with VoIP, such as integrated security, higher audio quality and increased reliability, attributes that are essential in critical situations.

All stations featured in this catalog utilize CCoIP®

THE TURBINE SERIES

The Turbine Series provides innovative features and a cutting edge design that will change the way we look at intercom.

All IP stations in the STENTOFON Turbine Series utilize the latest technology and STENTOFON's 65+ years of experience in the audio communications industry to create stunning audio quality.



DISABILITY ACT REQUIREMENTS

With the Turbine Series, STENTOFON has delivered an intercom for everyone. In our design and development process, we carefully considered many international disability requirements and then took them a step further.



VERSATILITY

With a wide variety of stations and functionality, the Turbine series is suitable for endless applications and usage, including Industry communication, Infrastructure communication and Building Security.



REFINED DESIGN

We believe the Turbine Series speaks for itself. The refined, minimalistic design is a sophisticated fusion of timeless looks and great functionality.

EXCEPTIONAL AUDIO

Each station utilizes STENTOFON Audio Presence, providing crystal clear, high quality audio through a 10W Class D speaker amplifier, peaking at 105 dB. Features such as HD Voice and Active Noise Cancellation are all part of the Turbine audio technology.



EXTREME ROBUSTNESS

STENTOFON Turbine intercoms are designed to resist the harshest of environments. With a protection classification of IP66, all Turbine stations are dirt, dust and water resistant as well as vandal proof.



1008111020

TCIS-2

- Stainless steel front plate with one button
- Perfect for Building Security and Public Environments

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111030

TCIS-3

- Black thermoplastic front plate with one button
- Perfect for Building Security and Public Environments

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111040

TCIS-4

- Unique labeling solution with PMOLED display
- Perfect for Building Security and Public Environments

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111050

TCIS-5

- Unique labeling solution with PMOLED display
- Perfect for Building Security and Public Environments

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact



1008111060

TCIS-6

- PMOLED display
- Perfect for Building Security and Public Environments

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

HD
VOICE

IP66

PoE

10W



MASTER STATIONS



1008015000

IP OR MASTER, 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

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

Accessories: 1008098700 Flush Mount Back Box

1008031000

IP FLUSH MASTER, 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

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

Accessories: 1008097500 Gooseneck Microphone, 1008097100 Handset, 1008098700 Flush Mount Back Box

of a button.

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

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

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

Accessories: 1008098300 3 Gang Flush Mount Back Box
*with mounting box (See Page 18).



1008041100

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

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

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

*with Flush Mount wall box (See Page 18).

ALL IP VANDAL RESISTANT SUBSTATIONS:

- Connect directly to the IP network, no geographical limitation
- Have dual Ethernet ports for connection to other IP devices
- Can connect to external IP video cameras
- Have one relay output for door lock control or flash strobe lights, etc.
- Have remote software upgrades, configuration and monitoring
- Have durable, stainless steel fronts (A304)

HEAVY DUTY

1008111010

TCIS-1

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, 1008140030 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

HD
VOICE

IP66

PoE

10W

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

1008072120

**IP HEAVY DUTY TELEPHONE,
HOTLINE**



Size (WxHxD): 205 x 320 x 120mm Wt: 5kg

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

1008072100

**IP HEAVY DUTY TELEPHONE, FULL
KEYBOARD**



Size (WxHxD): 205 x 320 x 120mm Wt: 5kg

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

Heavy Duty products for critical communications in rough environments like roads, tunnels and ships.



**HD
VOICE**

IP67

PoE

2.5W

1008072220

**IP HEAVY DUTY TELEPHONE, DOOR,
HOTLINE**



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

**IP HEAVY DUTY TELEPHONE, DOOR,
FULL KEYBOARD**



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



LOUDSPEAKERS



Important messages are worthless if they can't be passed on.

SIP loudspeakers makes sure you get your message across in critical situations, both inside and outside.

This makes our STENTOFON loudspeakers excellent as a part of your Public Address System (PA).

ALL LOUDSPEAKERS

PEAK UP!

- 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

1401002100

IP CEILING LOUDSPEAKER



Size (Diam x Depth): 237 x 133mm Wt: 1.33kg

1401002500

IP HORN LOUDSPEAKER

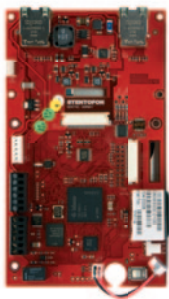


Size (WxHxD): 160 x 240 x 137mm Wt: 1.1kg

SIP STATION KITS

Our SIP station KITS features the same electronics cards that are used in STENTOFON's own products. If you need the functionality of STENTOFON, but in a custom built setup, the KITS will fit your needs. The KITS are designed to build stations to the highest specification and for use in the harshest of environments.

STENTOFON SIP station KITS can be used in a wide range of set ups. For example, the card enables you to connect CCTV and door control to a Unified Communication system.



1008093000

IP MASTER STATION KIT

- Made for STENTOFON 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 STENTOFON 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 STENTOFON 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



1008131010

TKS-1 TURBINE IP KIT STANDARD

- Designed to fulfill rules and regulations for lifts/ elevators
- Add VoIP/CCoIP to your parking solution, cash point, vending machine or similar
- Build your own IP Intercom station or help point
- Make your own 10W IP Speaker

Size (WxHxD): 65 x 80 x 25mm Wt: 0.1kg

Accessories:

FLOWIRE CONNECTING THE PAST EXTENDING THE FUTURE

The Flowire 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 get done with so little.**

By simply adding our inexpensive Flowire Ethernet Converter to existing cables, you can keep your old analog cabling as the card converts the signal. One of the biggest expenses when installing a communication system is wiring/cabling.

You don't need to install anything new on your analog network, just connect the Flowire and your desired IP-station and you're good to go.

SIP ACCESSORIES



1008098000

ON WALL BACK BOX

- On wall Mount Back Box 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

1030604000

WALL MOUNT BOX

- For on-wall mounting of 1038051415 IP Video Sub Station

Size (WxHxD): 156 x 320 x 85mm Wt: 0.5kg

Related items: 1038051415 IP Video Sub Station



turbine
dare we call it an intercom?

1008140050

TA-5 WALL BRACKET FOR TURBINE COMPACT

- Wall bracket for Turbine Compact Stations

Size (WxHxD): N/A Wt: N/A

Related items: All Turbine Compact Stations

1008140010

TA-1 TURBINE COMPACT ON WALL BOX

- For on-wall mounting of all Turbine Compact Stations

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

Related items: All Turbine Compact Stations



1008098300

3 GANG FLUSH MOUNT BACK BOX

- Flush Mount Back Box 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 BACK BOX

- Flush mount back box 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

**Backboxes protect
your equipment
and makes wall
mounting easy.**



1008098600

ON WALL BACK BOX

- On wall mount back box 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

1008140030

TA-3 TURBINE COMPACT FLUSH BACK BOX

- Flush mount back box for Turbine Compact Stations

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

Related items: All Turbine Compact Stations



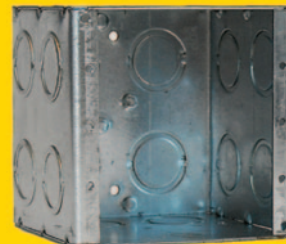
1008140020

TA-2 TURBINE COMPACT FLUSH BACK BOX

- Flush mount back box for Turbine Compact Stations

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

Related items: All Turbine Compact Stations



1008098800

FLUSH MOUNT BACK BOX

- 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 BACK BOX

- Flush Mount Back Box 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



At STENTOFON we operate at the cross road of two worlds. Communication on the one hand and security and safety on the other. Our commitment to provide reliable quality systems has resulted in some of the most robust, innovative products in the critical communication segment.

In addition, we have added a drop of Scandinavian design to our technology. This has resulted in a product that looks unique, is intuitive to use and sounds excellent. To find out more about STENTOFON and our product range please visit www.STENTOFON.com