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"Connecting Australia since 1975"



- AlphaCom XE
- Pulse
- Pro700
- BiWay



Service, Repair, Integration



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**Marine Services**

### Exigo Network Horn Loudspeaker STENTOFON ELSII-10H

#### HIGHLIGHTS

- STENTOFON Audio Presence - crystal clear audio
- 10W Class D amplifier
- Dust and water tight - IP 67
- > 110 dB SPL
- Ideal for Micro Zone PA and systems that require a limited number of speakers
- Each speaker is individually addressable and monitored
- Ideal for speakers installed in remote locations, e.g. roads and railways
- Remote software upgrade and configuration
- Relay output for remote control, e.g. doors, signal lamps & gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Ideal for Building Security, Infrastructure and Industrial projects



#### DESCRIPTION

This STENTOFON IP speaker features a 10W Class D amplifier, utilizing all the power that PoE is capable of.

This means that the speaker is capable of delivering more than 110dB, depending on the signal input. With IP, the system is able to monitor and address each speaker individually. By moving the amplifier from a central unit out to the speaker itself, the need for a central amplifier unit with conventional speaker loops is eliminated. This makes the system highly scalable, and adding another speaker is easy to do, even though conventional speaker loops are not used, the speakers can still be divided into groups. These zones can now extend over networks or span the Internet. To provide maximum availability, the speaker comes with advanced supervision functions. The speaker line test will detect whether there are any faults in the network or speaker electronics. The status of the speaker is reported to the central unit as well as to 3rd-party management systems using SNMP or Syslog. The speaker has a built-in web interface for status information, control, and upgrade. It is easy to install and maintain, and all broadcasts can be logged in detailed reports.

#### ELSII-10H IS COMPATIBLE WITH :

- SIP PBX - This VoIP intercom module can be used with basically any SIP server. Various server types have been tested explicitly by STENTOFON and a proper functionality can be confirmed. Check with STENTOFON for the latest information on compatibility.
- STENTOFON AlphaCom XE Audio servers - CCoIP® (Critical Communication over IP).
- STENTOFON Pulse - Intercom for everyone.
- VINGTOR Exigo - PA/GA system.

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# STENTOFON January 2013 Newsletter

## Happy New Year!

### Looking for a way to get the most out of your existing Security System?

STENTOFON provides comprehensive product training on all systems so your staff can use the equipment to its full advantage, on site or in our newly refurbished offices. Kick the new year off to an efficient start, use what you have efficiently.

## FLOWIRE Ethernet converter



STENTOFON demonstrates the potential of Flowire technology for CCTV in retrofit projects and long cable hauls at Intersec Dubai.

Last spring we met with IQinVision in Qatar and now they have their stand across from ours at Intersec Dubai. Since STENTOFON is an engineer driven company and our employees are big tech enthusiasts with an interest for security, this opened up for some interesting questions.



How to deliver CCTV in projects with special requirements?

How should a CCTV setup be done in retrofit projects, if you want to use existing two wire cabling? And what is the most cost efficient solution for installing CCTV at great distances or remote locations?

Remembering that IQinVision supply great IP CCTV equipment we went over to have a chat with Michael Kragh (Director Sales Europe). He was kind enough to lend us an IQeye 3, so we could demonstrate the power of STENTOFON Flowire technology.

#### CCTV IN RETROFIT PROJECTS WITH FLOWIRE

We connected the IP security camera to the Flowire box. The camera is running perfectly smooth and according to Michael Kragh there is no noticeable difference in picture quality. So directly into the switch or via STENTOFON Flowire gives the same quality pictures.

The differences of course are that the surveillance camera now can benefit from the features the Flowire technology provides:

- One single pair of cable can be used to distribute power and data
- The cable hauls can be longer, up to 2 km, reducing the need for switches and/or repeaters
- Up to 20 Flowire 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 Flowire converter can be used with any Ethernet enabled device . (not limited to STENTOFON products)

Thanks to Michael from [IQinVision](http://IQinVision) for lending us his IQeye 3 series camera.

For information on other applications contact STENTOFON.

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