

## STENTOFON

### Weather and vandal resistant IP Substation for 3 gang backbox

#### Features

- Designed to deliver CCoIP® - Critical Communication over IP
- Weather and vandal resistant flush-mount design
- One vandal proof direct call button
- Station electronics available as kit for custom design
- Superb audio quality through wide bandwidth codec and high quality, high output power amplifier
- Integrated Web server
- Remote software upgrade, configuration and monitoring
- Line monitoring
- Dual Ethernet port for daisy chaining IP stations or connection of other IP devices
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light etc.
- External call button option



#### Specification

<b>Dimensions (HxWxD):</b>	160 x 114 x 63 mm
<b>Weight:</b>	0.8 kg
<b>Protection:</b>	Weather and vandal resistant design 2 mm stainless steel front Tamper proof fastening screws and buttons and loudspeaker grille
<b>Protection class:</b>	IP 65 (front access) IK 07
<b>Call buttons:</b>	30 mm <sup>Ø</sup> 'mushroom' type or 22 mm <sup>Ø</sup> stainless steel
<b>Mounting:</b>	Flush mount in 3-gang back box 3 1/2 inch deep
<b>Temperature:</b>	0 to +50°C environment
<b>Power:</b>	Power over Ethernet, IEEE 802.3 a-f Local power (19-27 VDC) Idle 4W, max. 8W
<b>Connectors:</b>	2xRJ45 (Ethernet) Pluggable screw terminals
<b>IP protocols:</b>	IP v4 - TCP - UDP - HTTP - RTP - RTCP - DHCP - DiffServ - TOS - STENTOFON CCoIP®

<b>Audio technology:</b>	Wideband 200 Hz - 7 kHz (G.722) Telephony 3.4kHz (G.711) Acoustic echo cancellation Open duplex Adaptive jitter filter 1.5 Watt audio output External audio output (0 dB, 600 ohm)
<b>Installation:</b>	Remote automatic software upgrade Centralized provisioning DHCP and static IP Integrated web server
<b>Operation:</b>	Network supervision VoIP statistics Centralized monitoring Tone test
<b>Advanced features:</b>	Dual port Ethernet switch for connecting CCTV cameras and other IP stations. Programmable inputs (closing contact) for monitoring door status and alarms if not used for call buttons. Programmable relay output for door control, switch on beacon, etc. (1A at 24V DC)

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## Weather and vandal resistant IP Substation for 3-gang box

### Description

The STENTOFON weather and vandal resistant IP substation is tough, durable and resilient, and designed for use in the harshest of environments. The station is typically used as a communication, information or emergency point and connects directly to the IP network making it easy to deploy – anywhere and at any distance.

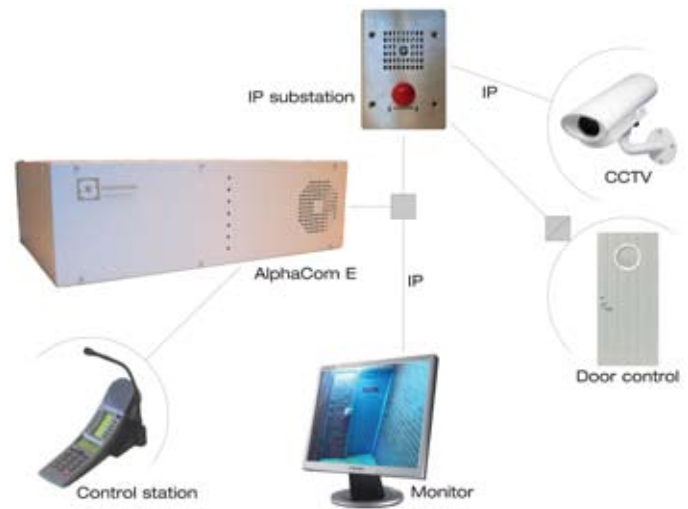
Designed for CCoIP® the station offers a set of critical communication features such as integrated firewall, group call, call priority and over-ride, to name just a few. This enables you to deliver instant, efficient and secure voice and data services in an IP environment.

The station provides superb wideband audio quality. If even higher audio volume is required, it is possible to interface the unit to an external power amplifier.

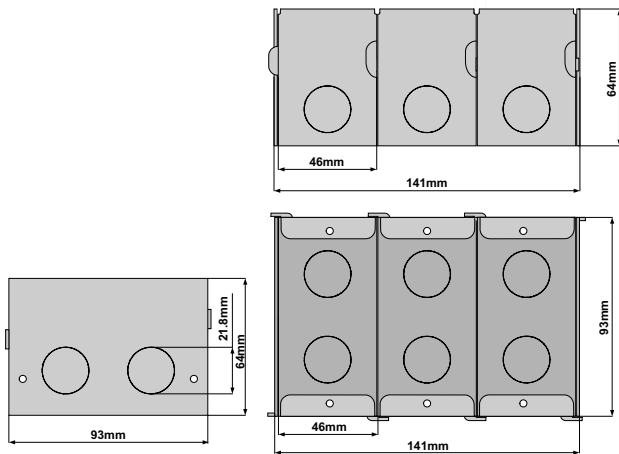
The station has one relay and one logical output. These outputs can, for instance, be used to open a door through a connected relay. The operation of the outputs is programmable and controlled by the AlphaCom E exchange.

Further still, the station integrates into any AlphaCom E and upgraded AlphaCom solution, and is scalable from 2 to 1000's of stations.

### Connection example



### Flush mount back box



### Ordering information

Order Number	Description	Ship Weight
100 8051 000	Weather and vandal resistant IP Substation for 3-gang backbox	0.8 kg
	AlphaCom E - IP station license	
100 8098 300	3 gang Flush mount back box	0.8 kg



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