

# IP VANDAL RESISTANT SUBSTATION



when communication is **critical**

## FEATURES

- Designed to deliver CCoIP® - Critical Communication over IP
- Vandal resistant
- Design in stainless steel (A304) to withstand corrosion
- One vandal proof direct call button
- 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
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light
- External call button option

## DESCRIPTION

The STENTOFON 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.

To provide maximum availability the station comes with advanced supervision functions. The station line test will detect if there is any faults in the network or station electronics. In addition the station support tone test, testing the complete transmission path including microphone and speaker. The status of the stations is reported to AlphaWeb as well as to 3rd party management systems using SNMP, Syslog or Microsoft OPC.



## SPECIFICATIONS

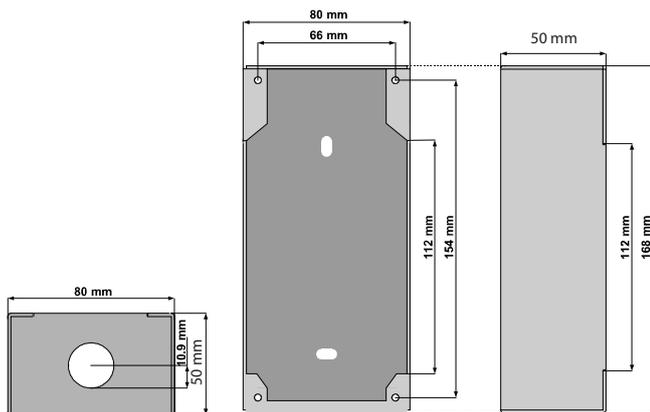
Dimensions (HxWxD)	180 x 92 x 54 mm
Weight	0.8 kg
Protection	Vandal resistant design, 2 mm stainless steel front, tamper proof fastening screws, buttons and loudspeaker grills

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1008041100	Vandal resistant IP Substation Alphacom E - IP station license	0.8 kg
1008098100	Flush mount back box	
1008098000	On wall mount back box	

## IP VANDAL RESISTANT SUBSTATION

Protection class	With mounting box 1008098000 (on wall): IP-44 With mounting box 1008098100 (flush mount): IP-55
Call button	22 mm stainless steel
Mounting	Flush mount in 60 mm deep back box
Power	Power over Ethernet, IEEE 802.3 af Class 0, Local power (19-27 VDC), Idle 4W, max. 8W
Connectors	2xRJ45 (Ethernet) 10/100 Mbit/sec., Pluggable screw terminals
IP protocols	IP v4 - TCP - UDP - HTTP - RTP - RTCP - DHCP - DiffServ - TOS - STENTOFONCoIP®
Audio technology	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, 600 ohm
Installation	Remote automatic software upgrade, Centralized provisioning, DHCP and static IP, Integrated web server
Operation	Network supervision, VoIP statistics, Centralized monitoring, Tone test
Advanced features	The dual port Ethernet switch can connect to a camera or a IP device, programmable inputs, (closing contact) or monitoring door status and alarms if not used for call buttons, programmable relay output for door control, switch on beacon (1A at 24 VDC)

### FLUSH MOUNT BACK BOX



### ON WALL BACK BOX

