

1007056100

## Vandal Resistant Substation

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### DESCRIPTION

- Made for critical communication
- Vandal resistant
- Design in stainless steel (A304) to withstand corrosion
- Vandal resistant call button
- Superb audio quality (10 kHz)
- Advanced supervision functions
- External or extra call button option
- One or two buttons

The Vingtor-Stentofon Vandal Resistant Substation is tough, durable and resilient, and is designed for use in harsh environments. The station has a vandal proof design with 2mm stainless steel front, speaker/microphone protection and steel call button.

The station provides high quality hands-free conversations, using the Vingtor-Stentofon superb wideband audio and loud volume. Together with the durable design, this makes it the communication station of choice for prison cells, doors, gates and emergency points. The station can be placed up to 4 km from the AlphaCom exchange without need for any local power source. The station uses the traditional 4-wire interface receiving both power and audio in the same cable.

To provide maximum availability the station comes with advanced supervision functions. The station line test will detect if there are any faults in the network or station electronics. In addition the station supports 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.

See also: [additional documentation on wiki.zenitel.com](http://wiki.zenitel.com)

## SPECIFICATIONS

GENERAL		
Dimensions (HxWxD)	180 x 92 x 25 mm	
Weight	0.8 kg	
Protection	Vandal resistant design, 2 mm stainless steel front, tamper proof loudspeaker grill, button and fastening screws	
Protection class	With mounting box 1008098000 (on wall): IP -44, With mounting box 1008098101 (on wall): IP -44, With mounting box 1008098100 (flush mount): IP -55	
Call Button	22 mmØ stainless steel	
Mounting	Flush mount in 50 mm deep back box, On-wall in 50 mm or 30 mm deep back box	
Temperature	-40 °C to +55°C	
Relative humidity	0% to 95%	
Loudspeaker output	1W RMS	
Frequency range	200 - 10'000 Hz	
Connectors	Line- 4 pin pluggable header, External call button - 2 pin IDC	
Wiring	2 twisted pairs	
Max cable distance	4.0 km (18 AWG - 0.9 mm), 3.4 km (20 AWG - 0.8 mm), 2.0 km (22 AWG - 0.6 mm), 1.4 km (24 AWG - 0.5 mm)	
Power	Powered from exchange	
Call indication	Red call LED	
Supervision	Line supervision, Tone test (manual and automatic), Station status in AlphaWeb	
Compliance	CE and FCC Part 15	
ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1007056100	Vandal Resistant Substation	0.8 kg
1007056200	Vandal Resistant Substation, 2 buttons	0.8 kg
1008098001	On-wall back box 30 mm	0.4 kg
1008098100	Flush mount back box	0.5 kg

## ACCESSORIES



### FLUSH MOUNT BACK BOX

Item number: 1008098100