

TELEPHONE DIALLER OVER PSTN LINE, GSM/GPRS NETWORK AND RESERVE TELEPHONE LINE GENERATOR



The diallers of SmartLink Advanced series offer PSTN and GSM network connectivity functions. The device is capable of generating a reserve telephone line when the PSTN is unavailable, as well as operating as a GSM voice dialler with 100 pre-recorded messages customizable by means of text-to-speech software or .wav file.

In fact, the hardware (for P and GP versions) integrates a powerful voice board capable of storing 15 minutes of speech and 100 messages.

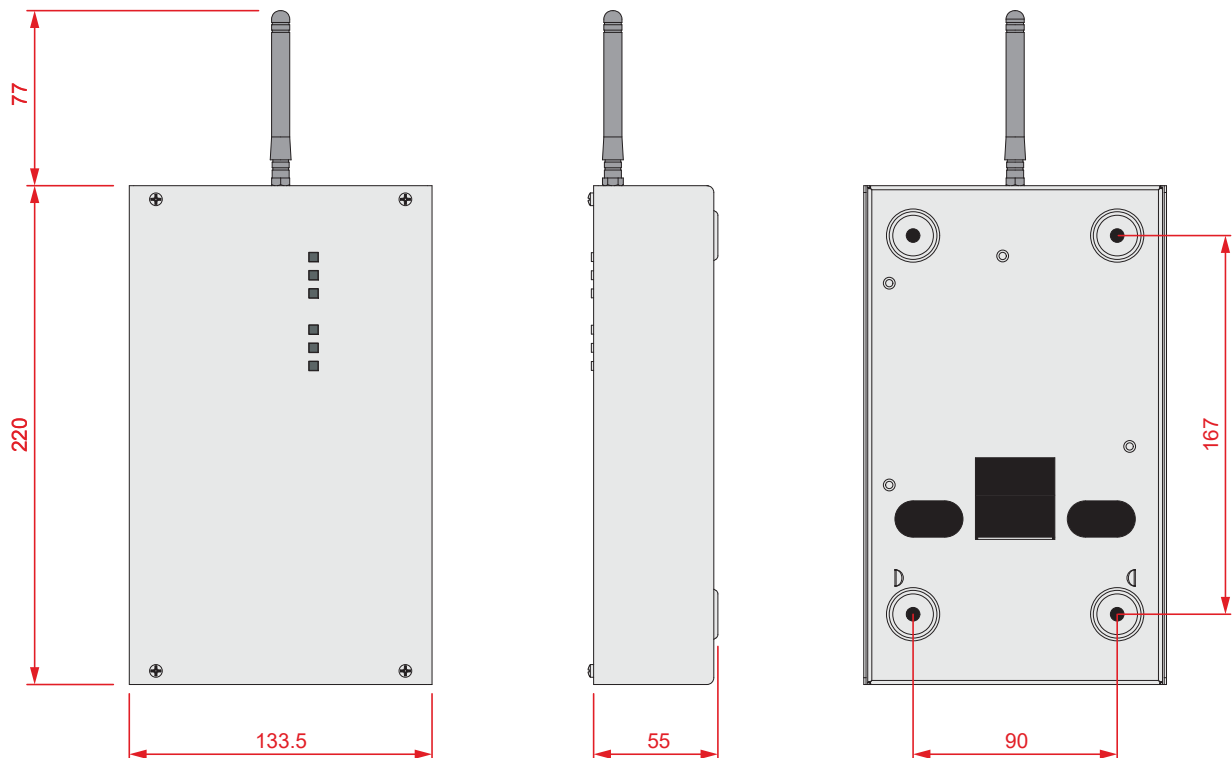
The SmartLink Advanced is capable of sending SMS messages over the GSM network, in both manual and automatic mode. Automatically generated texts can be modified through the software editor.

It also operates as a dual-net digital GSM and PSTN dialler and can transmit information to alarm receiving centres via the most widely used protocols, such as Contact-ID (PSTN) or standard SIA-IP (GPRS).

The SmartLink Advanced provides a call-answering feature with voice guide that allows users to control the system over-the-phone (up to 200 telephone numbers can be enabled on the white-list) and provides all the functions related to the activation of scenarios, home-automation and intrusion control via SMS, with the added assurance of command feedback (ring or SMS message).

The technologies integrated in the SmartLink Advanced allow you to select the best provider even before purchasing the SIM card (EasyScan function), so that your system is protected against jamming which can disrupt wireless transmission and inhibit the GSM signal. The SmartLink Advanced takes full advantage of Roaming services through a single SIM card.

Another useful aspect of the SmartLink Advanced is that it is capable of managing the GPRS channel for its own remote management and programming. This feature allows users to access the device through the Internet.



Hardware characteristics

	P model	G model	GP model
Reserve line generator		•	•
Input/Output terminals (Patent pending)	5	5	5
Input terminals programmable as NO, NC, single and double termination	•	•	•
Output terminals programmable as NO, NC, bistable and pulse	•	•	•
Programmable via USB	•	•	•
15 minute integrated voice card	•	•	•
Auxiliary current output (400mA fuse protected)	•	•	•
Open-panel tamper protection and connection terminals for external device	•	•	•
Metal enclosure	•	•	•
External power supply	•	•	•
Battery supervision (level, efficiency, connection)	•	•	•
Deep discharge shutdown	•	•	•
Battery housing		12V 1.2Ah	
Power		13.8Vdc \pm 10%	
Current draw	stand-by 40mA maximum 70mA	stand-by 100mA during transmission 300mA maximum 600mA	
Dimensions (HxWxD)		220x133x55 mm	
Weight		890g	

Operating features

Intrusion control function	•		•
500 event memory (non-volatile)	•	•	•
GSM/GPRS voice dialler			•
GSM/GPRS digital dialler		•	•
PSTN voice and digital dialler	•		•
SMS dialler on GSM network		•	•
Manages DTMF commands over GSM network with or without code entry		•	•
Manages DTMF commands over PSTN with or without code entry	•		•
GSM or PSTN line priority selection		•	•
Fault signalling (battery, PSTN linedown, output trouble)	•	•	•
Diverts incoming SMS texts		•	•
Actuator with Caller ID recognition		•	•
Manages SMS commands after recognition of Code or Caller ID		•	•
SMS command-received feedback (ring or SMS message)		•	•
Telephone numbers for dialler functions (voice and digital)	15	15	15
Pre-defined SMS messages for event signalling (customizable)		100	100
Sends dialler calls for each event over PSTN or GSM network		•	•
On-card voice messages (up to 15 minutes) recordable by means of text-to-speech software or .wav file	100		100
Programmable periodic events	3	3	3
Manages remote programming/monitoring over GPRS		•	•
Manages supervision over GPRS		•	•
Manages SIA-IP and transmits information to alarm receiving centres via the most widely used protocols		•	•
Answerphone function with voice menu	•		•
Manages and signals roaming status		•	•
Easyscan function for best provider selection		•	•
Jamming detector		•	•
Supervises periodic check between 2 SmartLink Advanced devices		•	•
Manages up to 200 action-associated numbers (white-list) via Caller ID or SMS message		•	•
Automatic SIM card credit enquiry with programmable threshold		•	•

ORDER CODES

SmartLinkAdv/P: PSTN voice and digital dialler.

SmartLinkAdv/G: reserve line generator and GSM/GPRS dialler

SmartLinkAdv/GP: reserve line generator and dialler over GSM/GPRS and PSTN.

SmartLink/REM-ANT: remote GSM antenna with magnetic base (3 meters cable).

IPS12015: optional power supply, 1A@14Vdc

Air2-GSM-ANT100B/8: high performance GSM antenna (0.2 meters cable).

Air2-GSM-ANT200N/8: high performance GSM external antenna (3 meters cable).