

GSM



Weatherproof GSM Telephone ResistTel-GSM

Quad Band GSM Telephone for outdoor use

- ▶ Protection degree IP 66
- ▶ Useable with one or two SIM cards
- ▶ Lithium Ion Battery
- ▶ Standby up to approx. 30 days
- ▶ Talk time approx. 21 hours
- ▶ Power supply from Solar panel or DC voltage supply
- ▶ Internal Antenna (external Antenna, optional)

Application

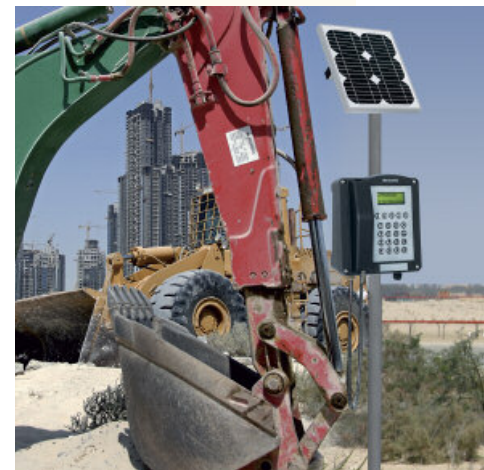
The ResistTel-GSM has been designed for use wherever wired telephone networks are either unavailable or the installation of such networks is too complicated or expensive. When connected to a solar panel (optional) it can even be fully operated without a power supply network. In case of an alarm it is still possible to use it to report an emergency. This possibility is guaranteed by virtue of the fact that two SIM cards from two different providers can be operated in the telephone simultaneously.

Design

The telephone is constructed in a housing made of glass-fibre reinforced polyester with a protection degree of IP66 and is extremely robust due to the use of a stainless steel (V4A) keypad. It incorporates a rechargeable lithium ion battery with a capacity of approx. 5 Ah, which, when fully charged, translates to a standby time of approx. 30 days or a speaking time of approx. 21 hours. It features a quad-band GSM with the frequency bands GSM 850, GSM 900, GSM 1800, and GSM 1900.

Without Power Supply Network

Mobile use at a construction site lacking a power supply network.



Technical specifications

GSM frequency bands

Quad Band: GSM 850, GSM 900, GSM 1800, GSM 1900
Operation with one or two SIM cards

Connection data

Voltage supply 5 VDC + 10% from solar panel or DC voltage supply
Maximum power supply 500 mADC
Screw terminals up to 2.5 mm² rigid and flexible

Battery (Lithium Ion)

Nominal voltage 3.75 V
Standard capacity approx. 5 Ah
Temperature range charging -20°C to +60°C
Temperature range discharging -25°C to +60°C

Operating time with full charged battery

Talk time approx. 21 hours
Standby approx. 30 days

Receiver

Sling holder Integrated, adjustable stabilizer bracket.
Handset cord Stainless steel (V4A) armoured handset cord.
Receiver capsule Dynamic capsule with leakage field spool for inductive coupling of hearing aids.
Speaker capsule Electret microphone
Noise suppression Greater than 3 dB due to integrated mouthpiece horn mouth.

Casing

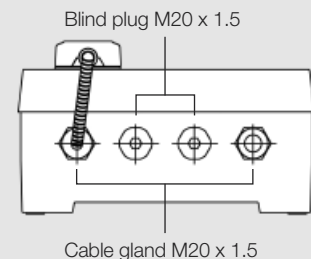
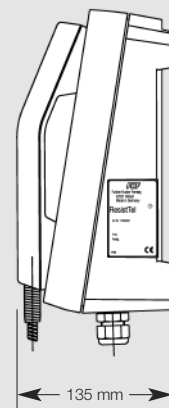
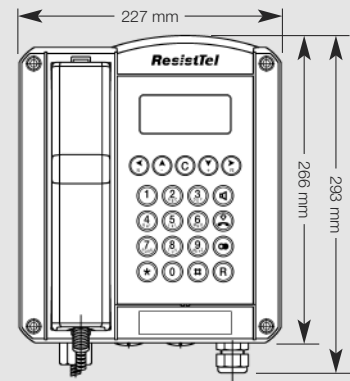
Height x width x depth approx. 260 mm x 228 mm x 135 mm
Weight approx. 5,5 kg
Display 2-line alphanumerical display with pictograms. Visible area approx. 78 mm x 26mm.
Keypad Metal keypad with ice protection, 21 keys
Operating position Vertical wall mounted.

Environmental conditions


Protection degree: IP 66 acc. to EN60529
Protection against external mechanical stress: Protection rating IK09 acc. to EN50102
Operation temperature: -20°C to +60°C
Storage temperature: -25°C to +70°C

Further characteristics

Disconnect key separate key
Hook switch Dry reed contact without a mechanical cradle
Ringing volume approx. 93 dB(A) at 1 m distance. The maximum volume is dependent on the selected melody. Sound pressure level selectable in 5 steps.
Ringing melodies 8 melodies selectable.
Listening by loudspeaker Sound pressure level selectable in 10 steps.
Handsfree operation Sound pressure level selectable in 10 steps.
Telephone directory Max. 25 entries



Order information

Type	Name	Article no.
ResistTel-GSM	Weatherproof GSM Telephone ResistTel-GSM	112 648 01
Accessories		
Solar panel 	(optional)	118 646 01
External GSM-Antenna	(optional)	118 646 02

* UNDER THE WARRANTY TERMS OF FHF FUNKE+HUSTER FERNSIG GMBH >>> WWW.FHF.DE <<<<

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