

GSM



Weatherproof GSM Telephone InduTel-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 InduTel-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 polycarbonate with a protection degree of IP66 and is shielded from dirt by a transparent door. 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.

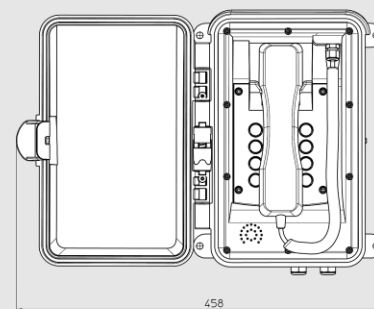
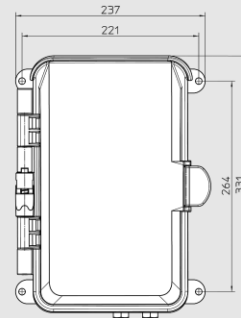
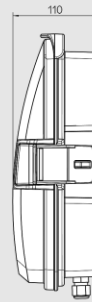
Without Power Supply Network

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



Technical specifications

GSM frequency bands	Quad Band, GSM850, GSM 900, GSM1800, GSM1900
Voltage supply	5 VDC + 10% from solar panel or DC voltage supply
Solar panel	Recommended 10 W, open circuit voltage ≤ 6,9 VDC
Maximum power supply	500 mA
Battery	Lithium Ion
Nominal voltage	3.75V
Standard capacity	approx. 5 Ah
Temperature range charging	-20°C to +60°C
Temperature range discharging	-50°C to +60°C
Operating time	with full charged battery
Talk time	approx. 21 hours
Standby	approx. 30 days
Operation	with one or two SIM cards
Ringing volume	With open casing cover approx. 90 dB(A) at a distance of 1 m With closed casing cover approx. 65 dB(A) at a distance of 1 m
Casing	
Height x width x depth	330 x 237 x 110 mm
Weight	2.3 kg (Telephone incl. Telephone holder)
Operating position	Vertical wall mounted
Receiver	
Speaker capsule	Electret microphone
Receiver capsule	Dynamic capsule
Connections	Single-wire or multi-wire up to 2.5 mm ²
Operating environment temp.	-20°C...+55°C
Transport and storage temperature	-25°C...+70°C
Protection rating as per IEC60529	IP 66 (closed door)
Cable glands	2x M16 x 1.5
for cable diameter	5 ÷ 9 mm



Order information

Type	Name	Article no.
InduTel-GSM	Weatherproof GSM Telephone InduTel-GSM	112 646 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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