

## **HVI-TEC 4G Gateway (Outdoor rated IP 66)**

### **Adapter for connecting analogue telephones to the 4G LTE / UMTS / GSM network with an additional data connection**



Simulation of an analogue telephone connection via 4G / LTE mobile network and the possibility of data transmission.

The HVI-TEC GSM4G Gateway is an adapter that enables existing or newly installed analogue telephone devices, such as emergency telephones, door stations with a/b interfaces or analogue PBXs, to be operated via the 4G LTE mobile network. It enables the connection of analogue telephone terminals in accordance with TBR21 in places where there is no analogue landline connection.

The HVI-TEC GSM4G Gateway offers a normal telephone line as a connection and simulates the function of an exchange line for the connected analog telephone terminal. Any telecommunications system with analogue exchange lines or analogue MFV-capable telephone terminals can be connected to the HVI-TEC GSM4G Gateway and enable telephone calls to mobile phone users to be made directly on the inexpensive mobile network.

We have attached particular importance to the quick and easy installation of the HVI-TEC GSM4G Gateway, so the power supply unit and the emergency power supply are integrated in the device. The mains connection is made directly to the internal connection terminals.

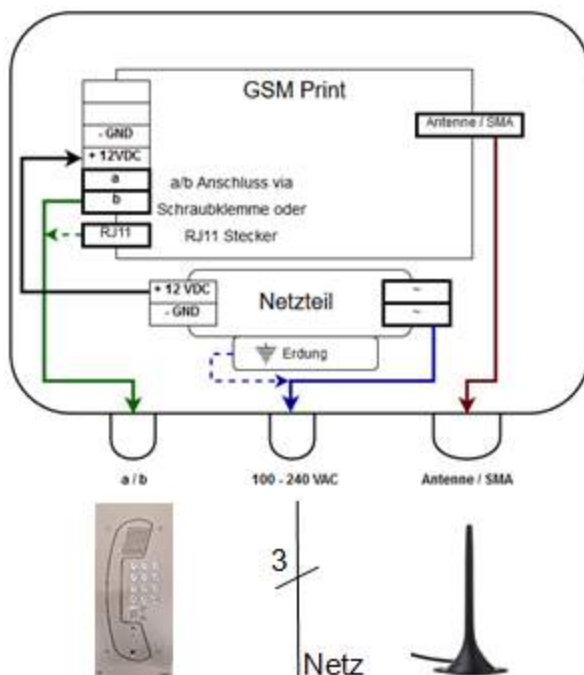
The built-in rechargeable battery for the emergency power supply increases operational reliability, especially for emergency call systems, and offers 1 hour talk time / 8 hours standby in the event of a power failure

The closed design according to protection class IP 66 offers protection against the ingress of water and dust and also enables installation outside of buildings. The received mobile network signal level can be read at any time from the green LED integrated in the housing.

The following mobile radio standards are supported: 4G LTE 800 / 2600 MHz, UMTS / HSPA Dual Band 900 / 2100 MHz, GSM / GPRS / EDGE Dual Band 900 / 1800 MHz. A 50 ohm magnetic base antenna with SMA connector and 3 m cable length or our stationary +2 dB GSM antenna with 5 m cable can be used as external antennas. We are happy to help.

The use of the HVI-TEC GSM4G Gateway together with emergency call systems opens up interesting fields of application, e.g. when using emergency telephones at gas stations, elevator emergency call systems in construction sites or regions that are not served.

- Simulates an analogue telephone extension line
- LTE / UMTS / GSM network signal level surveillance
- Integrated power supply 100 - 240VAC
- Integrated emergency power supply
- LED UMTS/GSM network signal level
- LED indicator for device status



- BX trunk
- Screw connector for analogue telephone device or PBX trunk (in parallel to the RJ11 plug)
- DB9 connector for data connection
- Screw connector 100 - 240VAC (integrated power supply)
- Integrated emergency power supply 1hr
- Conversation / 8hrs standby
- Standby: 40 - 60mA
- During Operation: 75 - 140mA
- Battery: NiMH 650mAh
- Battery alarm with text message
- Mini SIM (Pin deactivated) *not part of delivery*
- Antenna socket (SMA)
- Operational temperature: -20°C to +50°C
- Humidity: 30 to 90% relative humidity degree w/o condensing
- Casing: ABS grey
- Weight: 500g (including battery)
- Dimensions: 200 x 150 x 80mm
- Protection degree: IP 66
- Specification reference: EN 60950-1, EN 50385
- EMV: EN 301489-1, EN 301489-7, EN 12015, EN 12016
- Radio: EN 301511
- Type approvals: R&TTE, CE, RoHS