HVI-TEC GSM3G Adapter to the UMTS/GSM network (Outdoor rated IP 66)

GSM Fixed Wireless Terminal that produces an analog phone line.

The *HVI-TEC GSM3G* gateway is an adapter which enables the connection of existing or new installed analogue telephone devices, like emergency phone system, door phones or PBX with analogue trunks, to the UMTS/GSM network. The device to connect to the analogue port must be TBR21 compliant. A connection to the public network (POTS) is not possible.

The *HVI-TEC GSM3G* gateway simulates a standard analogue telephone extension line (FXS). All PBXs with analogue telephone trunks and analogue telephones with DTMF dial can be connected to the *HVI-TEC GSM3G* gateway.

The adapter generates the normal dial tone as used in the specific country.

The level of the received UMTS/GSM network signal is indicated with the green LED. The device has an integrated emergency power supply using NiMH batteries. Those are automatic tested every two weeks. If an error is found, an alarm is raised using SMS.
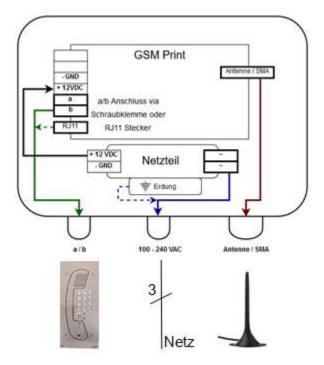
We have paid special attention to guarantee quick and easy installation. Therefore, the power supply and the emergency power supply is integrated into the unit. The power connection is to be hardwired directly to the internal terminals. No external power supply and receptacle is required.

The outdoor rated enclosure is rated at IP 66, providing ingress protection for water and dust, enabling the gateway to be mounted outdoors. LED indicator for UMTS/GSM network signal level and LED indicator for device status is integrated into the enclosure.

UMTS/HSPA Dual Band 900 / 2100MHz, GMS / GPRS / EDGE Dual Band 900 / 1800MHz. External 50Ohm Antenna with SMA connector and cable 3m. Optional we recommend the use of our +2dB-GSM-Antenna with cable 5m.

Key Features:

- Simulates an analogue telephone extension line
- 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

Technical Data:

- BX trunk
- Screw connector for analogue telephone device or
- PBX trunk (in parallel to the RJ11 plug)
- 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: CE, WEEE, RoHS