



## com.sat Analog TR / TRF

- GSM-Gateway for low volume of traffic
- Data- and fax option included (TRF-version)
- Least Cost Routing (LCR)  
e.g. low-cost call forwarding to a mobile phone
- Wireless Local Loop (WLL)  
in areas, where landlines are impossible or too expensive to realise
- Backup  
as backup unit in case the fixed network is crashing
- Mobile PBX  
when a temporary PBX is necessary, e.g. construction site

## Application:

The coM.sat TR and TRF reduce your connection costs, both in telephone conversations to and from the mobile networks as well as for SMS-, Fax- (TRF-version) and data-transmissions. Calls to mobile networks are not routed via the conventional landline; the gateways route the calls from your PBX directly via the insert SIM-Card - the conversations are on net; and no expensive fixed-to-mobile call charges incurred, depending on usage a cost saving up to 70% is possible.

The Analog coM.sat TR / TRF can be also used as a wireless local loop solution. The gateways provide all necessary two-wire parameters of a conventional telephone line and can replace the "last mile" where no fixed line is available. So it's possible to connect e.g. construction containers without wired infrastructure with the global communications network, by providing telephone, fax (TRF-version) and the Internet via GSM or GPRS.

## Features:

- 1 channel GSM-Gateway
- Connector for an analogue telephone or PBX (trunk)
- PC connection via USB
- SMS-Interface, Data-/Fax- transmission via USB
- Internet via GPRS class 10
- Least-Cost-Routing supported
- Mobile PBX
- Wireless Local Loop Solution
- Backup unit in case the fixed network is crashing
- Baby-Call & Emergency-Call
- Callback
- Call hold, call forward, conference call etc. via DTMF tones
- Transmits caller ID of incoming call

- Hide call ID of outgoing calls temporary
- Net-Lock
- SIM-Lock
- AOC (Advice of Charging Information)
- Automatic dialing-mode
- Call diverting (always, busy, no replay, unreachable)
- 2 destination numbers definably
- Dialing restriction (child-proof lock)

### Additional Features TRF-Version:

- Data- and Faxoption included
- Additional connector for an analogue fax machine
- Dry-contact
- Backup-Battery interconnection optional available



## Technical Data:

- Dimensions: approx. 127 x 65 x 29 mm (TR)  
approx. 168 x 123 x 33 mm (TRF)
- Weight: approx. 200 g (TR)  
approx. 270 g (TRF)
- Power supply: 9 V DC / 2,7 W
- Power consumption:  
non operative: 140 mA  
operating mode: 400 mA
- GSM Tri-Band (900/1800/1900 MHz)

- Transmitting power: max: 2 W - 50 Ohm
- Antenna: 50 Ohm Impedanz with SMA-F-Connector
- 3 V SIM-Cards
- PDU-Mode for SMS
- Wall mounting optional available (TR)
- Fax (TRF):  
Group 3 Fax (G3)  
Transfer rate: 9.600 Bit/s  
Protocols: T3.30, T.31, T.4