



coM.sat ISDN Plus 2 & 4 channel

- GSM-Gateway for higher volume of traffic
- Least Cost Routing (LCR)
e.g. low-cost call forwarding to a mobile phone
- Connection to a PC via serial port
- SMS messages
- Sending SMS-messages comfortably via PC
or optional upgrade with SMS-Server
- High-performance GSM-fax-data-board included
- Available in 3 Versions:
ISDN Plus 2 ch
ISDN Plus 2 ch 19" (1U)
ISDN Plus 4 ch 19" (2U)

Application:

The coM.sat ISDN Plus DF is the sole ISDN / GSM gateway worldwide, which enables additional to voice and SMS, also data and fax transmission via the GSM network. It was developed for companies with medium to high volume of traffic and is available in 3 versions: as a 2-channel wall-mount-unit and also as compact 19 inch solution with 2- and 4 channels, which can be integrated ideal in any IT environment. The gateways have in addition to the data-/fax function a wide range of further features, such as unconnected calls, callback, statistic

function and voice announcement. In addition to the main applications as a least-cost routers and back-up-unit in case the fixed network is crashing, the coM.sat ISDN Plus DF also can be used as a wireless local loop solution. The gateway provides all necessary four-wire parameters of a conventional ISDN-line and can replace the "last-mile" where no fixed line is available. So it's possible to connect e. g. construction container without infrastructure with the global communications network, by providing telephone and fax via the GSM network.

Features:

- 2 & 4 channel GSM Gateway for medium and higher traffic volume
- High performance Data-/Fax-Board included
- Connection to an external or internal S0-Bus of an ISDN PBX
- Flexible integration (NT-, TE-, Router-Mode)
- SMS-Interface, Data-/Fax- transmission via RS232
- Fast and easy installation
- Comfortable configuration with Windows® Software
- Least-Cost-Routing (LCR)
- Alternative use of GSM-Channels
- Router activation by destination and operator
- Dialer capability
- Direct access to DDI extension
- Calls redirect to DDI by calling number
- Selective block of calls in/out
- Outgoing calls controlled by DDI or extension type (analogue/digital)
- Remote maintenance via GSM
- Monitor function to analyze ISDN-/GSM-errors
- WLL (wireless Local Loop) solution
- Fallback System
- Callback & Callthrough
- Unconnected Calls Calling Number Transfer & Return Call Handling
- Voice announcement
- Statistic function (CDR)
- Upgradeable with:
coM.sat Virtual PBX
coM.sat SMS-Server



Technical Data:

- Dimensions:
295 x 185 x 75 mm (2K)
44 x 486 x 190 mm (2K 19")
88 x 486 x 190 mm (4K 19")
- Weight:
approx. 1.800 g (2K)
approx. 3.000 g (2K 19")
approx. 4.000 g (4K 19")
- Power supply:
10 - 14 V DC (2K)
230 V AC (2K 19")
230 V AC (4K 19")
- Power consumption:
operating mode: max. 0,9 A (2K)
operating mode: max. 0,9 A (2K 19")
operating mode: max. 1,8 A (4K 19")
- Antenna:
50 Ohm Impedanz with FME-M-connector (2K)
50 Ohm Impedanz with FME-M-connector (2K 19")
50 Ohm Impedanz with N-F-connector (4K 19")
- Transmitting power:
max. 2 W/channel (GSM 900) - 50 Ohm
max. 1 W/channel (GSM 1800) - 50 Ohm
- GSM Dualband (900/1800 Mhz)
- Voice
- SMS (Send/Receive)
- 3 V SIM-Cards
- Temperature: 0°C - 45°C (indoors)
- Analogue Fax :
Group 3 (G3)
Transmitting rate: 9.600 Bit/s
Protocols: T3.30, T.31, T.4