



TOPEX MobiLink ISDN Family

TOPEX MobiLink ISDN 2 GSM

TOPEX MobiLink ISDN 1 GSM

2G voice and SMS gateway

Least Cost Routing



Fixed-cellular terminal for voice that can connect one PBX with ISDN-BRI ports or an ISDN telephone to GSM networks.

Benefits

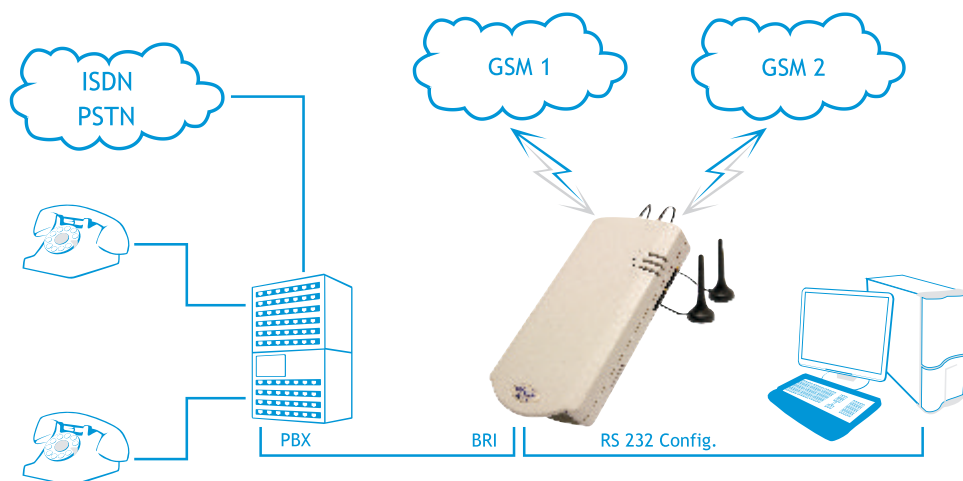
- Using the automatic routing of the digital PBX, any call with a mobile network destination will be routed through MobiLink ISDN. This way the fixed-mobile calls are converted into mobile-mobile calls inside the same network with substantially reduced cost.
- Fixed calls to own mobile fleet become group calls.
- Using external antenna offers excellent voice signal quality.
- Small investment, fast savings.
- Easy and simple install.
- Convergent messaging: SMS and e-mail.

Features

- The main functionality of MobiLink ISDN is to connect ISDN PBXs and phones with one or two GSM mobile networks. The digital PBX is connected to MobiLink ISDN through an ISDN-BRI interface (two voice channels at 64kbps).
- 2 simultaneous voice calls via GSM network.
- It features one or two GSM modules and two ISDN (NT + TE) ports.
- It may be used either with an ISDN PBX or an ISDN telephone.
- Acts as a bi-directional bridge between ISDN BRI and GSM network.
- Advanced call management (calling line identification presence or restriction).
- Administered from PC through MobiLink ISDN serial port.
- Connected to a computer, MobiLink ISDN allows sending and receiving SMS.
- Allows for call-routing on 3 programmable directions.
- Supports call-back functions based on caller identity.
- Connected to a PC, MobiLink ISDN can send SMS to an email account or send e-mails like SMS (mail2sms and sms2mail).

Applications

- Fixed line substitution for voice.
- PBX connection for Least Cost Routing.
- Business SMS automation.



Technical Specifications

Product name:	TOPEX MobiLink ISDN
Frequency bands:	GSM/GPRS 900/1800 MHz
Receiver sensitivity:	104 dBm
Impedance:	50 Ohm
Antenna type:	2 external magnetic-base antennas with 3m long cable
Power:	Input: 230 VAC +/-10%, 50 or 60 Hz Output: 10 VAC / 1.5 A
ISDN NT Interface:	One RJ 45 connector

ISDN TE Interface:	One RJ 45 connector
ISDN Protocol :	EuroISDN, DSS - 1
ISDN Programming type:	RS-232C
Serial connector:	dedicated RJ-45, female
Mass:	500 g equipment 1 Kg whole package
Dimensions: (L x l x H):	220 x 115 x 30 mm
Operating temperature range:	From 5° - 50° C
Humidity:	10 to 80 % RH, non-condensing