ECOTEL ISDN

Low-cost connection to mobile networks

- Least cost routing (ISDN – GSM)
- Connection for objects in motion (boats, caravans, ambulances etc.)
- Last-mile solution/wireless local loop (WLL)
- Business Continuity

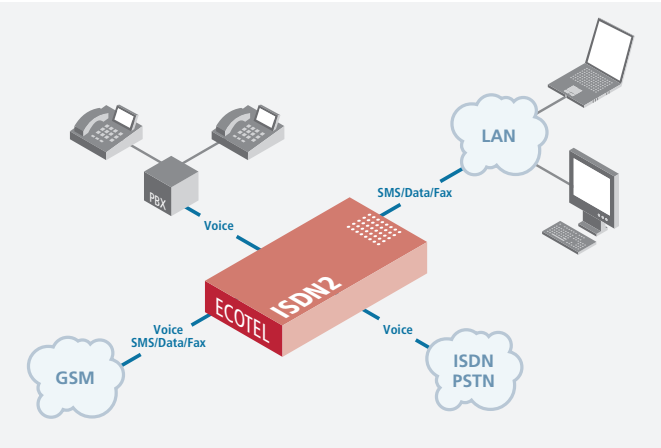
The digital GSM gateway ECOTEL® ISDN establishes direct, low cost connections between ISDN landline networks and GSM mobile networks (GSM 850/900/1800/ 1900).
ECOTEL® ISDN covers a variety of applications based on mobile and stationary scenarios including situations without ISDN access as well as complete PBX connections.

ECOTEL® ISDN establishes connections to GSM mobile radio networks. ECOTEL® ISDN operates on ISDN basic access (BRI bus) and offers the following connection options:

- connected to an internal extension line of the PBX (TE)
- connected to an external trunk line of the PBX (NT)
- connected to several ISDN phones (NT, additional power supply necessary)
- looped in the trunkline of a PBX as a least cost router (TE/NT)

DECT alternative

PBX extensions diverted to cell phones cause tremendous costs. ECOTEL® ISDN and ECOTEL® VoIP reduce costs by establishing costefficient mobile-mobile connections. Additionally the gateways make it possible to use the PBX features switching between calls and announced call transfer from the mobile phones.
ECOTEL® ISDN2-1x and ECOTEL® ISDN2-2x provide mobile integration features (mobile extension, virtual PBX features) such as callback, call forwarding and call waiting.



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ECOTEL ISDN

	ECOTEL® ISDN2-1x	ECOTEL® ISDN2-1x lite	ECOTEL® ISDN2-2x
GSM channels	1, 2 or 4	2	4 or 8
Voice messages via downloadable wave files	▪	▪	▪
Speed calling memory via routing entries	▪	▪	▪
PIN SIM card, ECOTEL security number	▪, ▪	▪, ▪	▪, ▪
Operational status display	LED	LED	LED
User defined announcements	▪	▪	▪
Call number groups	▪	▪	▪
Routing - incoming calls, outgoing calls	▪, ▪	▪, ▪	▪, ▪
SIM Switching	–	–	▪
Call Back	▪	–	▪
Adaptive rerouting	▪	–	▪
Mobile Integration (Virtual PBX Features)	▪	–	▪
Configuration via PC Windows	V.24, LAN	V.24	LAN, USB
Remote capability and configuration, Remote access	▪ (WAN/GSM CSD)	–	▪ (WAN/GSM CSD)
Monitoring Software	▪	–	▪
Download of operating software	▪	▪	▪
GSM call forwarding	▪	▪	▪
Call line identification CLIP	▪	▪	▪
Generation of Call Detail Records (CDR)	▪	–	▪
PBX interfaces	2/4 ports EDSS 1, TE/NT, PtP/PtMP	1 NT, 1 TE PtP/PtMP	2/4 ports EDSS 1, TE/NT, PtP/PtMP
Extension/TE, Exchange/NT	RJ45, RJ45	RJ45, RJ45	RJ45, RJ45
Alarm contact (6 I ports), Ethernet interface	RJ45, RJ45	RJ45, RJ45	RJ45, RJ45
Short Message Service (SMS)	▪	▪	▪
PC SMS/Data/Fax	V.24, LAN	V.24	USB, LAN
Internet protocol	FTP, Telnet	–	FTP, Telnet
Power supply	100–240 V AC, 47–63 Hz, 12 V DC		
Dimension	255 × 185 × 63 mm (L × W × H)		
Weight (depending on model)	600 g–1600 g		
External antenna	FME/SMA		

Find out more: **www.teles.com**

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