

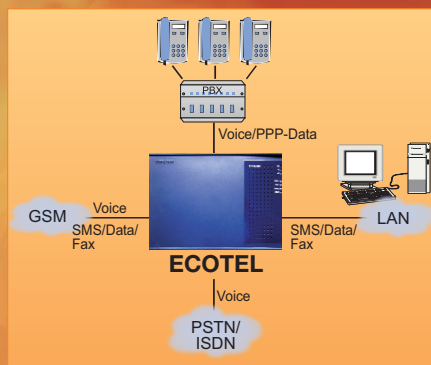
ECOTEL®interconnect Model ISDN

Low-cost connection to mobile networks

- Small Corporates
- Companies with high mobile phone charges
- Connection for objects in motion (boats, caravans, ambulances etc.)
- Last-Mile-Solution
- Internet via GSM/GPRS

The **ISDN model** of the ECOTEL®interconnect product range establishes a direct, low cost and comfortable connection between ISDN fixed networks and GSM mobile networks (900/1800 MHz, optional 1900 MHz) and serves – depending on the model – as the basis for a wide range of variants for customer-specific applications.

ECOTEL®ISDN covers a variety of possibilities, both at mobile and stationary applications without ISDN access up to PBX connection with various office-applications (PC, fax, PPP, ISDN phones etc.). In every situation **ECOTEL®ISDN** offers a least-cost and high quality connection to GSM networks.



ECOTEL® ISDN - the digital connection to GSM networks

ECOTEL® ISDN establishes the connection between ISDN fixed network and GSM mobile 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)

Features	ISDN2-1
GSM channels	-11y: 1 channel, -12y: 2 channels, -14y: 4 channels
Voice messages	downloadable wave files
Speed calling memory	via routing entries
PIN SIM card	●
ECOTEL security number	●
Operational status display	LED
SIM interface	AB/B
User defined announcements	●
Call number groups	●
Routing - incoming calls	●
Routing - outgoing calls	●
Call Back	●
Configuration via	PC Windows
Remote capability and configuration	●
Remote access	● (LAN)
Download of operating software	●
GSM call forwarding	●
Call line identification CLIP	●
Generation of Call Detail Records (CDR)	●
PBX interfaces	2 ports EDSS 1, TE/NT, PtP/PtMP
Extension/TE	RJ45
Exchange/NT	RJ45
PC configuration	RS232
Alarm contact	RJ45
Ethernet interface	RJ45
Alarm function	5 programmable IOs*
Alarm output via	Voice message / SMS / FAX / e-mail*
Short Message Service (SMS)	ISDN User-to-user/serial/IP*
PPPoE	● (CSD or GPRS)*
Internet protocol	TCP, FTP, Telnet*
SMS during call	●*
SIM card locking	●*
PC SMS/Data/Fax	LAN, RJ45/serial*
Power supply	90-264 V AC, 47-63 Hz, 15 V DC
Dimension	255 x 185 x 63 mm (L x W x H)
Weight	-11y: 600 g -12y: 700 g -14y: 1500 g
External antenna	FME/SMA

Options									
Models	GSM ports	GSM band	BRI ports	VOICE	SMS	PC-FAX	CSD	GPRS	ALS/MSP
-110	1	900/1800	2	●	●	●	●		
-120	2	900/1800	2	●	●	●	●		
-111	1	900/1800	2	●	●	●	●	●	
-121	2	900/1800	2	●	●	●	●	●	
-112	1	900/1800/1900	2	●	●	●	●	●	●
-122	2	900/1800/1900	2	●	●	●	●	●	●
-140	4	900/1800	4	●	●	●	●		
-142	4	900/1800/1900	4	●	●	●	●	●	
-123	2	GSM-R	2	●	●	●	●	●	●

TECHNICAL OVERVIEW

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