

ECOTEL® multichannel Model VTM pro

Components

4yourmobile
communication



ECOTEL® VTM ISA 4 XX

70461.xxx

Adapter Type	16 bit ISA; shared IRQ; 256 Byte RAM
GSM	Version TC: 900 / 1800 MHz Version MC45 900 / 1800 / 1900 MHz Version MC45 850 / 900 / 1900 MHz Version WQ 900 / 1800 MHz
Channels per Card	4; (1 SMA(f) antenna output for all 4 GSM-channels)
Inband Tone Detection	- Immediate release at "inband busy" - Recognition of charge free announcements (option: forwarding this calls to fixed network) - Conversion of "inband alert" to ISDN alert message - DTMF detection
SIM-card switching	2 or 4 SIM-cards per channel; SIM-Server support (ECOTEL® VTM IP card required) switching dependent on time or quota



ECOTEL® VTM VoIP-Card

70463.002

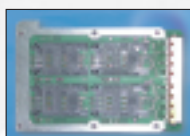
Interfaces	Ethernet Interface 10/100 Base-TX (auto-select)
VoIP	Codec modes: G.711, G.723.1, G.726, G.727, G.729A B (compression up to 1:8), NetCoder, GSM FR (GSM full rate) Supports voice compression for 30 B-channels Signalling protocol H.323
Profiles	up to 30 VoIP profiles
Fast start	auto configure
Tunneling	auto configure
NAT	supported



ECOTEL® VTM 4E1-Card

70463.003

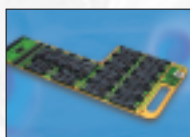
Adapter Type	PCI card
Connector	RJ45
ISDN	4 Primary Rate Interfaces (each for TE/NT with PP)
Protocol	DSS1, NI2, SS7
B channel	Transparent or a-law/ μ -law conversion
Switch Matrix	PCM-Highway, switch matrix on board
Hub Function	Interface 1/2 and 3/4



ECOTEL® VTM SIM8-Card PCMCIA

70461.402

Case	PCMCIA (electrically not compatible!)
Number of SIM-cards	2 SIMs per GSM channel;
SIM-Type	3 V SIMs only (type B or AB)



ECOTEL® VTM SIM32-Card PCMCIA

70461.408

Case	PCMCIA (electrically not compatible!)
Number of SIM-cards	8 SIMs per GSM channel;
SIM-Type	3 V SIMs only (type B or AB)



ECOTEL® VTM ISA Split

70461.404/70461.409

Adapter Type	16 bit ISA; passive
GSM	850 / 900 / 1800 / 1900 MHz UMTS/WCDMA
Inputs (bidirectional)	8 per Card
Outputs (bidirectional)	1 or 2 per Card
Connector	SMA (f)



ECOTEL® VTM SCS EMU-Card PCMCIA

70461.418

Case	PCMCIA (electrically not compatible!)
Number of SIM-cards	emulates SIMs installed in the SIM Card Server;
SIM-Type	3 V SIMs only (type B or AB)

VTM pro Components



VT MultiChannel



VTM SCS Base Packet

7046x.xxx

Key Features	No SIM cards in the VTM necessary all SIM cards in a central SIM Card Server remote access over IP to all SIM cards
Housing	19" rack system (for SIMs and server) PC Mini Tower (for database)
Number of SIM cards	up to 30 SIMs (70461.450) up to 225 SIMs (70461.451)



VTM-SCS Extension Packet

70461.423-xx

Key Features	Extension for additionally 225 SIM cards up to 14 Extension Packets possible
Housing	19" rack system (for SIMs and server) up to 225 SIMs (70461.451)



ECOTEL® VTM UMTS 8

70464.401

Channels per unit	8
Network	UMTS, GSM 900, 1800, 1900
Scalability	8, 16, 24, 32 channels per VTM
Power consumption per channel	0,1 A / 230 V; 0,2 A / 115 V
Height	2 U per 8 channels
Weight	4,2 kg per 8 channels

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