

ECOTEL® multichannel Model VTM flex

Components

4yourmobile
communication



ECOTEL® VTM ISA 4XX

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	<ul style="list-style-type: none"> • 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
Scale	15 cards per system



ECOTEL® VTM 3E1-Card

70461.457

Application	3x E1 Primary Rate Interface DSS1
ISDN	E1/PRI - PTP TE, PTP NT DSS1
Configuration	card address: hex switch
Scaling	0 - 3
Voice channels	available for IVR and mailbox functionality: 4
Conferencing	for up to 64 subscribers
HUB function	in case of system crash port1 and port 2 are bridged by relays



ECOTEL® VTM 4BRI Card

70461.407

Application	4x TE/NT Basic Rate Interface DSS1
ISDN	<ul style="list-style-type: none"> • PTP/TE, PTP/NT DSS1 • PTMP/TE, PTMP/NT DSS1 • AOCD, AOCE
BRI Feeding	100 mA / 40 V
Configuration	card address: hex-switch, ISDN configuration by jumper
Scaling	1 - 7 boards; if ECOTEL® VTM 1E1 3BRI is used as master card: 1 - 8 board
Voice channels	available for IVR and mailbox functionality: 3 if used as master card, additional cards linked by IOM cables do not provide additional voice channels
Subscribers	56 subscribers = 7 ECOTEL® VTM BRI cards, if ECOTEL® VTM 1E1 3BRI card is used 70 subscribers = 8x ECOTEL® VTM 4BRI card + 6 b-channels by the ECOTEL® VTM 1E1 3BRI card
Conferencing	available if at least a ECOTEL® VTM 3E1 or ECOTEL® VTM 1E1 3BRI card is installed



ECOTEL® VTM 1E1 3BRI-Card

70465.402

Application	1x E1 Primary Rate Interface, 3x Basic Rate Interface DSS1
ISDN E1/PRI	<ul style="list-style-type: none"> • PTP TE, PTP NT, DSS1 • PTP TE, PTP NT, DSS1 • PTMP TE, PTMP NT, DSS1 • AOCD, AOCE
ISDN BRI	
BRI feeding	100 mA / 40 V
Configuration	card address: hex switch, ISDN configuration by jumper
Scaling	max. one ECOTEL® VTM 1E1 4BRI board per VTM flex system additional expansion cards <ul style="list-style-type: none"> • 0 - 3 ECOTEL® VTM 3E1 cards • 0 - 8 ECOTEL® VTM flex ISA4TC cards • 0 - 8 ECOTEL® VTM flex 16 ab cards (4 max.) or ECOTEL® VTM flex 4 ab cards (8 max.) or ECOTEL® VTM flex 4BRI cards (8 max.)
Voice channels	available for IVR and mailbox functionality: 16
Conferencing	for up to 64 subscribers

VIERLING

VTM flex Components



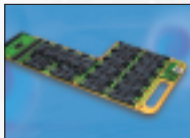
VTM flex



ECOTEL® VTM SIM8-Card PCMCIA

70461.402

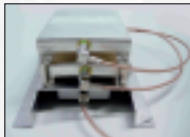
Case	PCMCIA (electrically not compatible!)
Number of SIM-cards	2 SIMs per GSM channel;
SIM-Type	3 V SIMs only (type B or AB)



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

70461.412
70641.413

Adapter Type	does not need an ISA slot
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 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
Scale	1 card per system



ECOTEL® VTM Remote Access

ISDN 70465.409
analog 70465.410

Adapter Type	USB
Line interface	ISDN EDSS1 / analog a/b
Application	Remote Access Service (RAS)
Scale	1 unit per system



ECOTEL® VTM VoIP8-Card

70465.401

Adapter Type	16 bit ISA; shared IRQ; Connector RJ45
VoIP	Ethernet Interface 10 Base-T Codec modes: • G.711 • G.723 • G.738 Supports voice compression for 8 B-channels Signalling protocol: • H.323 (H.225, H.245)
Scale	3 cards per system



ECOTEL® VTM 16ab-Card

70465.405

Application	4x FXS function (PSTN)
Scaling	1 - 4
Configuration	hex switch
Features	Services: Telephony, FAX, 56000 bps modem calling line identification (CLI) DTMF Changing pulse (12 kHz/16 kHz) Flash (120 - 900 ms) Provides complete ECOTEL® VTM flex feature set
Bus	16 Bit ISA



ECOTEL® VTM 4ab-Card

70465.404

Application	4x FXS function (PSTN)
Scaling	if used with ECOTEL® VTM 4BRI card: 6 if used with ECOTEL® VTM 1E1 3BRI card: 8
Configuration	configuration by jumper
Features	Services: Telephony, FAX, 28800 bps modem calling line identification (CLI) DTMF Flash (120 - 900 ms) Provides complete ECOTEL® VTM flex feature set

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