

VoIPBox DSL 4



—○ Datasheet

IP Telephony has never been so convenient

The TELES VoIPBox DSL enables service providers focusing on business customers to offer an attractive business trunking service while protecting investments in existing ISDN equipment.

As well as a superior voice quality, the TELES VoIPBox DSL comes with an integrated modem for ADSL2+/VDSL access, and it supports fax and DECT with a highly precise 5ppm clock.

A wealth of management and provisioning tools are available to meet the requirements of multiple customers' profiles. If the network operator and users fully transition to VoIP, the TELES Gateway can remain operable as a demarcation point (E-SBC) in the IP network.

BENEFITS AT A GLANCE

- VoIP Gateway with 4 BRIs
- Highly precise 5ppm clock
- Integrated ADSL2+/VDSL modem
- Fast and smooth migration from ISDN to VoIP
- All ISDN services, full ISDN quality
- Demarcation point for customer premises

VoIPBox DSL 4	
Scalability	
Concurrent calls	8
BRI	4
System Management	
Remote access via IP or ISDN, Network Management System, TR69, Web configuration interface, Alarm Management (SNMP), Call Detail Records (CDR)	
Protocols	
ADSL 2+	⊙
VDSL	⊙
VLAN	⊙
DSS1 (Q.931, national variants), Q.SIG-BC, NT/TE, Point-to-Point & Point-to-Multipoint	⊙
ISDN Supplementary Services Interworking	⊙
SIP (RFC 3261)	⊙
H.323 (v4)	⊙
G.711, G.729, G.168	⊙
Fax T.38 with G.711 fallback	⊙
ISDN data via <i>clear channel</i> (RFC 4040)	⊙
Call Routing	
Number & header manipulation	⊙
Multi-level alternative routing; time dependent	⊙
Support of ENUM & DB routing	⊙
Support of multiple gatekeepers (H.225) & registrars (SIP)	⊙
Overlap/en-bloc conversion	⊙
Black/white list	⊙
QoS routing	⊙
Codec translation / transrating	⊙

Advanced Features	
Integrated SIP registrar & location server	⊙
Integrated callback / two-stage dialing server	⊙
RTP multiplex bandwidth reduction	⊙
Integrated enterprise session border controller feature set	⊙
AoC generation (AOC-D, AOC-E)	⊙
Dynamic PSTN fallback	⊙
RADIUS	⊙

EXTERNAL INTERFACES

xDSL	1 x ADSL/ADSL2+/VDSL Variant A: Annex A Variant B: Annex B, Annex J
Ethernet	2 x 10/100/1000 Base-T RJ45 WAN/LAN
ISDN	2 BRI - 1st BRI: TE or NT Power Feeding Highly precise 5ppm clock
Power supply	12 VDC, 1,5A

PHYSICAL PARAMETERS

Size (W x H x D)	280 mm x 38 mm x 138 mm
Material	ABS
Mounting	Wall

ENVIRONMENTAL CONDITIONS

Temperature	+5 C to +40 C
Humidity	5 % to 80 % (non-condensing)

APPROVALS

EMC, Safety, CE

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