

VoIPBox PRI



○ Datasheet

Stay connected with a Gateway for up to 6 PRI

The TELES VoIPBox PRI targets primarily medium-sized companies that want the full convenience of IP while maintaining their current ISDN equipment and PBX infrastructure. The VoIPBox PRI can be installed between the PBX and PSTN and connects your current equipment as is to the Internet.

TELES VoIP Gateways ensure ideal voice quality and easy installation, sophisticated configuration and management via a browser. In the event the network operator and users transition fully to VoIP – no problem, the TELES Gateway can still be used as a demarcation point (E-SBC) in the IP network.

BENEFITS AT A GLANCE

- Fast and smooth migration from ISDN to VoIP
- Highly precise 5ppm clock
- All ISDN services, full ISDN quality
- PSTN fallback
- Demarcation point for customer premises
- Auto provisioning
- 16/30/60/120/180 channels

VoIPBox PRI				
Concurrent Calls	30	60	120	180
PRI	2	2	4	6
5ppm clock	☉	☉		
System Management				
Remote access via IP or ISDN, Network Management System, Web configuration interface, Alarm Management (SNMP), Call Detail Records (CDR)				
Protocols				
WAN Ethernet	☉			
VLAN	☉			
DSS1 (Q.931, national variants), Q.SIG-BC, NI2 E1/T1, TE/NT, CRC4/double frame	☉			
ISDN Supplementary Services Interworking	☉			
SIP (RFC 3261)	☉			
H.323 (v4)	☉			
G.711, G.723, G.726, G.729, GSM, G.168	☉			
Fax T.38 with G.711 fallback	☉			
ISDN data via <i>clear channel</i> (RFC 4040)	☉			
Call Routing				
Number & header manipulation	☉			
Multilevel alternative routing; time dependent	☉			
Support of ENUM & DB routing	☉			
Support of multiple Gatekeepers (H.225) & registrars (SIP)	☉			
Overlap/en-block 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

Ethernet	2 x 10/100 Base-T RJ45
ISDN	2, 4 or 6 PRI
	Highly precise 5ppm clock (VoIPBox PRI 30/60)
Power supply	100 - 240 VAC, 45 W

PHYSICAL PARAMETERS

Size (W x H x D)	483 mm x 44 mm x 305 mm (1U)
Material	Sheet steel
Mounting	19" Rack

ENVIRONMENTAL CONDITIONS

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

APPROVALS

EMC, Safety, CE

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