



VoIP Gateway

VG-30

SIP and H.323 signaling

30 channels

Multiple codec support

Multiple ISDN signaling support

WEB based management

VG-30 is rugged 30 channel VoIP gateway. It provides one ISDN E1 PRI group for 30 simultaneous calls from the IP network or the PSTN. T.38 VoIP, fax bypass, and modem bypass capabilities ensure that the VG-30 gateways seamlessly transport voice and data services.

With SIP, H.323 and multiple codec support, the VG-30 gateways offer flexibility for VoIP network integration and low bandwidth voice.

The configurable NT/TE PRI port, call-switching and user programmable call routing based on various criteria including caller/called ID, allow the VG-30 gateways to integrate smoothly into existing PBX and PSTN networks.



TECHNICAL PARAMETERS

BASIC FUNCTIONALITIES

- Gateway between digital and VoIP network
- Possibility to cooperate with switch-multiplexers of the STORCZYK system (e.g. ŁC-240D) by the electrical interface (G.703) ISDN PRI with DSS1 signaling
- Connecting 2 devices with the interface Ethernet 10/100Base-T/TX (electrical interface)
- Connecting 2 devices with the interface Ethernet 100Base-FX (optical interface)
- Combination of connections between ISDN and VoIP networks while using the SIP signaling or H.323
- It is possible to control the functions of the device by www
- DC voltage supply of +27 V

INTERFACES

Electrical Ethernet Interface	2x10/100Base-T/TX
	RJF-45 connector
Speed rate	100 Mbps
Optical Ethernet Interface	2x100Base-FX
	ST connector
Type of optical fibre	Multi-mode: 62,5/125µm or 50/125µm
Transmitter power	-18 dBm±2 dB
Receiver sensitivity	-28 dBm
Wavelength	1300 nm±30 nm
Speed rate	100 Mbps
Electrical trunk	1 x G.703
Type mode	ISDN PRI
Speed rate	2 Mbps

POWER SUPPLY

Power supply	+27 VDC (-18%, +10%)
Power consumption	<30 W

OTHER TECHNICAL PARAMETERS

Dimensions (HxWxD)	220x330x63 mm
Weight	<4 kg
Mechanical and climatic classification	Group N.7-UZ-II(A and B), acc. NO-06-A101+108 (MIL-STD-810G compliant) (multi-use and continuous use equipment)
Electromagnetic compatibility	NO-06-A200 (MIL-STD-461F compliant) (KRE-02, KCE-02)
Operating temperature	From -30°C to +60°C
Storage temperature	From -40°C to +65°C
Humidity resistance	95-98% at +40°C

VOIP PARAMETERS

VoIP signaling	SIPv2.0, H.323 IPV4, ICMP, UDP, TCP,
Supported codecs	G.711 aLaw and uLaw G.723.1 5.3 kbps and 6.4 kbps G.726 G.729
Supported ISDN signaling	ISDN PRI Lucent 5ESS ISDN PRO National ISDN1 ISDN PRI Nortel DMS 100 ISDN PRI Euro ISDN ISDN PRI French VN4 ISDN PRI Nortel DMS 100 (Belleville)



www.transbit.com.pl



AQAP 2110:2016
AQAP 2210:2016
PN-EN ISO 9001:2015

Transbit Sp. z o.o.
ul. Łukasza Drewny 80
02-968 Warszawa

tel: +48 22 550 48 00
fax: +48 22 550 48 10
e-mail: biuro@transbit.com.pl