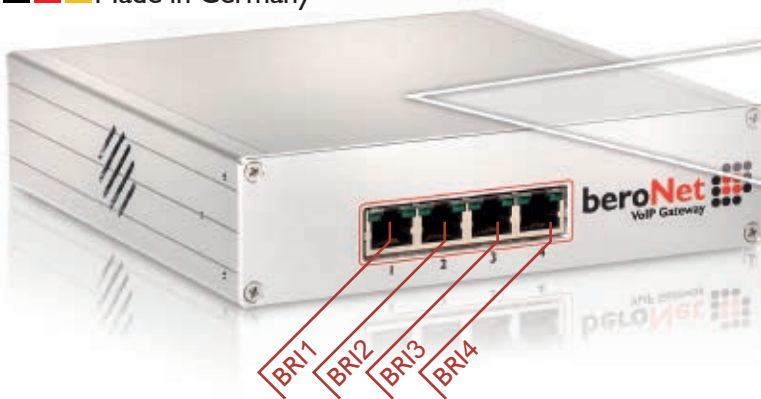


 Made in Germany



Overview

The beroNet 4 BRI Gateway contains 4 BRI (S0) ports. It can be connected to the public telephone network or to an internal connections of the telephone system. Furthermore a classic telephone system can be connected to a VoIP connection or a VoIP PBX via the Gateway. By adding a virtual CAPI a Fax Server can be also connected. The beroNet 4 BRI Gateway is ideal, to enable a PSTN connection without quality degradation and joins the advantages of ISDN & VoIP.

Advantages

- » Connects SIP with ISDN module (PRI, BRI, FXO, FXS, GSM)
- » ISDN Ports separately as TE or NT mode switchable
- » For multiple devices as well as system connections
- » Expandable with a supplementary
- » Via Cloud administrable
- » Cascadable using PCM
- » 19" rack or wall mountable
- » High quality Aluminium Housing
- » Virtual CAPI available

Available Modules

- » ISDN: BF4S0, BF2S02FXS, BF1E1, BF2E1
- » Analog: BF4FXO, BF4FXS, BF8FXS
- » GSM: BF2GSM

” The beroNet Gateway proved itself to be a robust and fail-proof carrier grade system from day one, handling up to 5000 calls per day.

Ercan Yapalak, IT Department
Zehnder GmbH

5 Good Reasons for beroNet Gateways

- 1 Cloud Management
- 2 5 Minute Installation
- 3 Highly flexible
- 4 ISDN / Analog / GSM
- 5 Tough & Expandable



beroNet VoIP Gateways can be equipped with up to two modules which makes them very flexible and highly adaptable to a divers range of client requirements.

Specifications

- » 4 BRI (S0) ISDN Ports
- » Each Port is configurable in NT or TE Mode with PIN interchanging
- » Termination resistors (100 Ohm) for every Port separately configurable
- » TE / NT and Termination per Port switchable in Software (Jumperfree)
- » Layer 2 is Q.921 and Layer 3 is Q.931 (EuroISDN DSS1) compatible
- » DSS1 Feature Set: CLIP/No-Screening, CLIR, COLP, UUS, MCID, CD, CNIP AOC-D
- » Q.SIG Feature Set: CNIP
- » Optional CAPI 2.0 available (Fax, voice)
- » Codecs: G.723.1 and Annex A, G.729 a/b, G.726, (up to 16 channels)
- » G.711 and Echo Cancellation up to 16 channels
- » G.168/G.165 Echo cancellation with echo path change detection, up to 128ms
- » Voice activity detection / comfort noise generation
- » DTMF digit detection and generation
- » T.38 Fax Relay (V.27, V.29 and V.17) (up to 4 channels)
- » SIP user agent IETF RFC3261 compatible
- » SIP via UDP/TCP with optional TLS support, SRTP
- » "TDM Bridging" of two beroNet devices via PCM Bus
- » Power supply: 110-230V, operating 12V DC at 2A
- » Compliance: CE (EN55022, EN55024, EN60950)

Dimensions and Weight

- » Dimensions: 168 x 168 x 42 mm
- » Weight: 800g
- » Mounting: 1 HE, optional available: 19" rack brackets, wall-mountable

Environment

- » Storage temperature: -20° – 70°C
- » Operating temperature: 0° – 40°C
- » Humidity: 20% – 90%, non-condensing

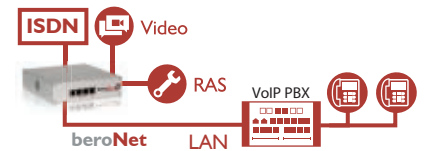


Fast installation and administration of the beroNet Gateway with the easy to use Web interface of the beroNet Web GUI.

” No other Gateway is integrated faster and easier.

✓ Niels Hansen, Systems Engineer,
Dierck Kommunikationstechnik
Handels GmbH

PSTN connection without Quality degradation



- » Advantages of both world's: ISDN & VoIP
- » Further use of High Quality ISDN
- » Integration of ISDN Dataservice & Video Telephony



Cloud Managed



Compatible with any IPBX



Fast installation



Tough, no moving parts



Energy efficient



Modular & Flexible



100% silent



Easy expandable

Compatible with

