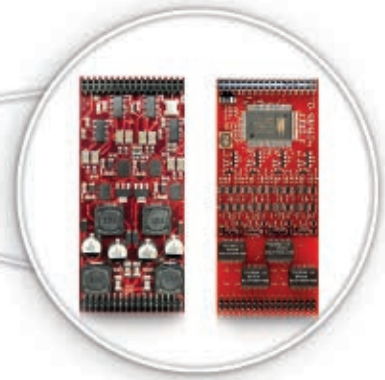
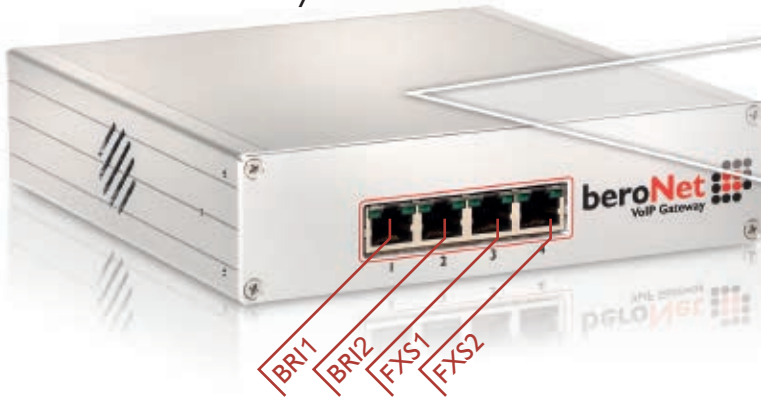


 Made in Germany



**Overview**

The beroNet 2 BRI / 2 FXS Gateway contains 2 BRI (S0) and 2 FXS ports. It connects SIP with ISDN and analog (FXS) to connect analog devices like telephone, Fax, alarm system, ec cash and modems. The switching of TE or NT mode as well as the terminating resistors for each port is done JumperFree using the beroNet Web GUI. With a virtual CAPI a Fax server can also be connected.

**Advantages**

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

**Available Modules**

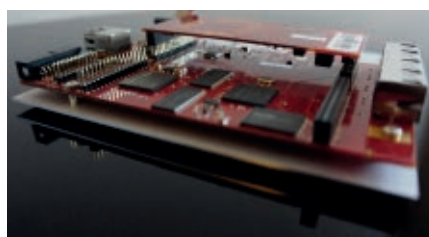
- » ISDN: BF4S0, BF2S02FXS, BF1E1, BF2E1
- » Analog: BF4FXO, BF4FXS, BF8FXS
- » GSM: BF2GSM

**”** 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

- » 2 BRI (S0) ISDN Ports
- » Every 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 transposable in Software (Jumperfree)
- » Layer 2 is Q.921 and Layer 3 is Q.931 (EuroISDN DSS1) compatible
- » DSS1 Feature Satz: CLIP/No-Screening, CLIR, COLP, UUS, MCID, CD, CNIP AOC-D
- » Q.SIG Feature Set: CNIP
- » 2 FXS Ports / CLIP, CNIP
- » Hold, Retrieve, Transfer / MWI (Stutter, FSK)
- » 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 u/a
- » 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 16 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.

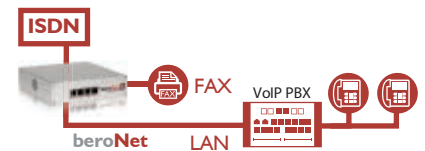


No other Gateway is integrated faster and easier.



Niels Hansen, Systems Engineer,  
Dierck Kommunikationstechnik  
Handels GmbH

### PSTN connection without Quality degradation



- » Advantages of both worlds: ISDN & VoIP
- » Further use of high quality ISDN
- » Integration of Fax devices, 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



You have questions about the product? We are glad to help!

FON: 030 259389-0

Mail: sales@beronet.com