

 Made in Germany



**Overview**

The beroNet 2 PRI Gateway contains 2 PRI (S2m, E1) Ports. Every port can be operated individually in NT (Network Termination) or TE (Terminal Equipment) mode. By adding a virtual CAPI a Fax Server can be also connected. It's the ideal Gateway to conduct a Soft Migration (Step By Step Migration from classic PBX to VoIP System). The Gateway can be easily administrated, updated and remote managed via the beroNet Cloud.

” 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

**Advantages**

- » Connects SIP with ISDN
- » ISDN port can be switched in TE or NT mode
- » 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

**Available Modules**

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

**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 PRI (S2M, E1) ISDN Ports
- » Every Port is configurable in NT or TE Mode
- » Termination resistors (100 Ohm) per line configurable
- » 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 u/a (up to 64 channels), including echo cancellation
- » 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

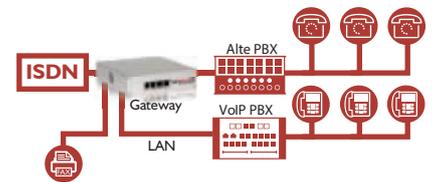


Fast installation and administration of the beroNet Gateway with the easy to use Web interface of the beroNet Web GUI.

” No other Gateway is integrated faster and easier.

✓ Niels Hansen, Systems Engineer,  
Dierck Kommunikationstechnik  
Handels GmbH

### Soft Migration



- » Step By Step Migration
- » Cost savings through integration of the proprietary PBX System
- » The proprietary PBX System continues to act as a als Backup System



Cloud  
Managed



Compatible with  
any IPBX



Fast  
installation



Tough, no  
moving parts



Energy  
efficient



Modular &  
Flexible



100%  
silent



Easy  
expandable

### Compatible with

