beroNet

Cloud managed & monitored
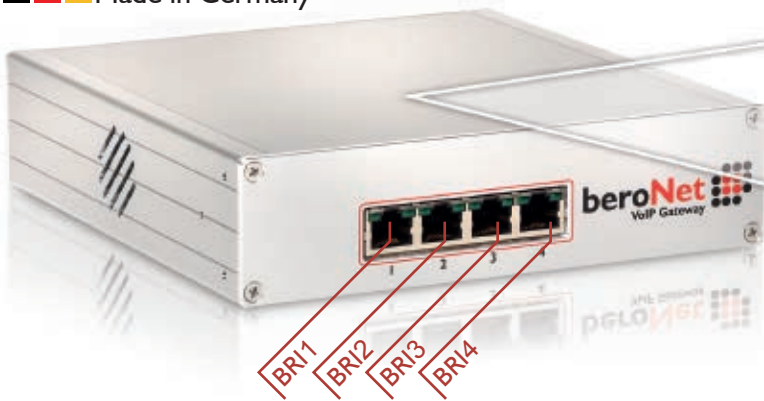VoIP Gateways und Appliances

Made in Germany

BRI1 BRI2 BRI3 BRI4

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.

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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 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

5 Good Reasons for beroNet Gateways

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

Available Modules

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

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 TSL 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
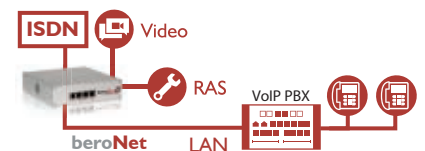» Humidity: 20% – 90%, non-condensing

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

ISDN — Video — RAS — VoIP PBX — beroNet — LAN

» 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

3CX Asterisk Microsoft Lync Askozia Intuitive Telephony snom elastix IPTAM opensips FreeSWITCH phonalisa m2m pascom

You have questions about the product? We are glad to help!   FON: 030 259389-0   Mail: sales@beronet.com