Made in Germany

Ideal for
SME

BRI1

Overview

The beroNet 1 BRI Gateway contains 1 BRI (S0) port. It can be connected to the public telephone network or to an internal S0 connection of the PBX. In addition the classic PBX can be connected via the Gateway with the VoIP connection or a VoIP system. By adding a virtual CAPI a Fax Server can be also connected. The beroNet 1 BRI Gateway is ideal, to enable a PSTN connection without quality degradation and joins the advantages of ISDN & VoIP. It allows you to cover over 85% of the PBX market and is the ideal solution for small and medium size companies.

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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 Port separately switchable in TE or NT Mode
» For multiple devices as well as system connections

» Via Cloud administrable
» Cascadable using PCM
» High quality ABS plastic housing, lightweight & tough
» Virtual CAPI available

5 Good Reasons for beroNet Gateways

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

The beroNet 1 BRI Gateway is the ideal solution for small and medium sized businesses and make it possible, to cover 85% of the IPBX Market.

Specifications

» 1 BRI (S0) ISDN Port
» The Port is configurable in NT or TE Mode
» Termination resistors (100 Ohm) per line configurable
» TE / NT and Termination transposable 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 including 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: 500g (depending on configuration)
» Mounting: 1 HE, wall-mountable

Environment

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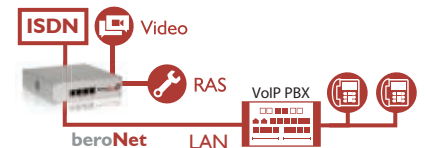» Humidity: 20% – 90%, non-condensing

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 loss of quality

ISDN   Video
beroNet   RAS   VoIP PBX
   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

Ideal for SME

High Flexibility

100% silent

Light Weight

Compatible with

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

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