beroNet
Cloud managed & monitored
VoIP Gateways und Appliances

Made in Germany

FXO1 FXO2 FXO3 FXO4

Overview

The beroNet 4 FXO Gateway is equipped with 4 analog FXO ports (Foreign Exchange Office). With the 4 FXO Ports a soft PBX can be connected to an ordinary analog telephone provider. They can also be used to make a classic PBX VoIP ready. The Gateway connects SIP with analog in order to be connected to the public telephone network or to an internal analog connection of the telephone system. It can be easily extended by an additional module.

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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.
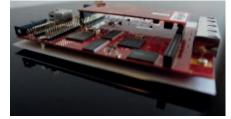
Ercan Yapalak, IT Department
Zehnder GmbH

Advantages

» Connects SIP to analog (FXO), for connection to the public telephone network or to an internal analog port of the PBX
» 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

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 FXO Ports
» CLIP, CNIP
» Flashhook
» 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 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

» Advantages of both worlds: Analog & VoIP

» As Failover solution for analog telephone exchange systems

» Integration of Fax devices & Modems

Cloud Managed | Compatile with any IPBX | Fast installation | Tough, no moving parts | Energy efficient | Modular & Flexible | 100% silent | Easy expandable

Compatible with

3CX · Asterisk · Microsoft Lync · Askozia · snom · elastix · IPTAM · opensips · FreeSWITCH · phonausa · m2m · pascom