



Small Business Line VoIP Gateways

Innovative technology powered by beroNet OS



“We are satisfied with your product. It is easy to configure and excellent workmanship.”

Giacomo Bartolotta, Technical Support at Xdevel DI GUGLIOTTA MAURIZIO

OVERVIEW

The beroNet Small Business Line has been developed especially for the demands of small and medium sized companies. It is available as digital (ISDN), analog (FXS/FXO), or hybrid (ISDN/FXS/FXO) version. The Small Business Line is ideal as entry-level device with all features offered by beroNet OS and compatible with any PBX. beroNet Cloud integration optionally available for secure remote management.



The ideal VoIP Gateways for small and medium sized companies

| Models | Interface | Description |
|------------|--------------|--|
| BFSB1S0 | ISDN | 1 BRI Small Business Line VoIP Gateway |
| BFSB2S0 | ISDN | 2 BRI Small Business Line VoIP Gateway |
| BFSB4S0 | ISDN | 4 BRI Small Business Line VoIP Gateway |
| BFSB2S02XO | ISDN /Analog | 2 BRI and 2 FXO Small Business Line VoIP Gateway |
| BFSB2HY | ISDN /Analog | 2 BRI and 2 FXS Small Business Line VoIP Gateway |
| BFSB1XS | Analog | 1 FXS Small Business Line VoIP Gateway |
| BFSB2XS | Analog | 2 FXS Small Business Line VoIP Gateway |
| BFSB4XS | Analog | 4 FXS Small Business Line VoIP Gateway |
| BFSB4XO | Analog | 4 FXO Small Business Line VoIP Gateway |
| BFSB4XO1XS | Analog | 4 FXO and 1 FXS Small Business Line VoIP Gateway |
| BFSB4XO2XS | Analog | 4 FXO and 2 FXS Small Business Line VoIP Gateway |
| BFSB4XO4XS | Analog | 4 FXO and 4 FXS Small Business Line VoIP Gateway |

5 Good Reasons for beroNet VoIP Gateways



Less time training and more time with your customers



Cloud integration simplifies remote updates and backups



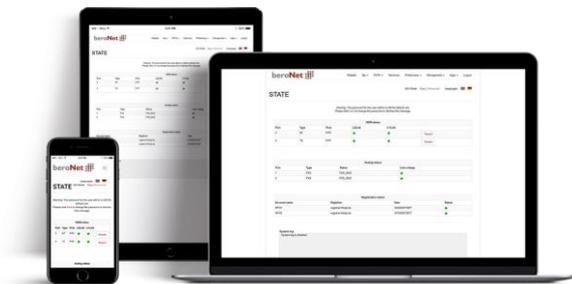
Free and premium support if you come across any issues



Flexibility and adaptability for long-term use



Enhanced with Apps for additional functionality



Powered by beroNet OS

beroNet OS allows you to easily configure your VoIP Gateway via an intuitive web interface, to directly provision your devices with XML and to register it in the beroNet Cloud for remote monitoring and management. Take advantage of a deep range of intelligent and customizable features. Work smarter, not harder.

General Specifications

- G.711 and echo cancellation, (up to 16 channels)
- G.723.1 and Annex A, G.729 a/b, G.726, (up to 4 channels)
- G.168/G.165 echo cancellation with echo path change detection, up to 128ms
- T.38 Fax Relay (V.27, V.29 and V.17) (up to 4 channels)
- Voice activity detection /comfort noise generation
- DTMF digit detection and generation
- SIP over UDP/TCP with optional TLS 1.2 support
- SIP user agent IETF RFC3261 compliant
- "TDM Bridging" of two beroNet Cards via PCM Bus
- 10/100 Mbit LAN port
- Power supply: 110–230V, operating 12V DC at 2A
- CE, FCC and ACMA compliant
- Storage temperature: -20° to 70°C
- Operating temperature: 0° to 70°C
- Humidity: up to 90%, non-condensing
- Dimensions: 168 x 168 x 42 mm, weight: 500 g
- High quality ABS plastic housing, light weight & tough
- Virtual CAPI available
- Optional remote management via beroCloud

ISDN Specifications

- Connects SIP with ISDN
- ISDN Ports separately as TE or NT mode switchable in software (jumper free)
- Termination resistors (100 Ohm) for every port separately 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

Analog FXO Specifications

- Connects SIP to analog for connection to the public telephone network or to an internal analog port of the PBX
- Flash hook
- CLIP, CNIP

Analog FXS Specifications

- Extends analog devices to SIP (telephone, fax, alarm system, EC cash)
- Hold, Retrieve, Transfer / MWI (Stutter, FSK)
- CLIP, CNIP



**Cloud
Managed**



**Compatible with
any PBX**



**Fast
Installation**



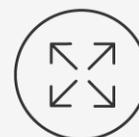
**Tough, no
moving parts**



**Energy
Efficient**



**100%
Silent**



**Easy
Expandable**



Need more info?

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We can help you with training, consulting and development.



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