

FAXBRIDGE

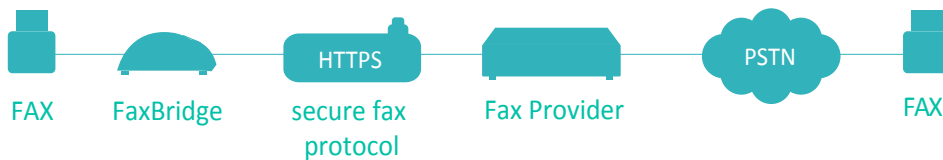
BRIDGING THE GAP BETWEEN PAPER AND FAX

OVERVIEW

Organizations are consolidating voice, fax and data resources to cut costs and simplify their communications infrastructure. Voice over IP (VoIP) and Fax over IP (FoIP) are two technologies which have become critical to organizations as they create a unified strategy for voice and data communications. These technologies allow companies to reduce their total cost of ownership by eliminating telephony hardware and consolidating the management of voice, data and fax communications.

Because IP PBX's are software based and rely on voice optimized compression, many businesses have experienced high fax transmission failure rates, often greater than 40%. FaxBridge has been architected specifically to address these challenges to provide organizations with a robust and reliable complimentary fax solution. FaxBridge is also available from leading telco carriers and voice service providers.

Fax machines can be located anywhere and used as secure fax terminals when connected to FaxBridge devices. FaxBridge devices auto provision and do not require any remote software configuration.



FXB21 FRONT VIEW



FXB21 REAR VIEW

The device has been tested certified and conforms to FCC and CE standards. All components are RoHS compliant.

The following tests have been performed:

- Electrostatic Discharge Immunity
- RF Electronic Magnetic Field Immunity
- Electrical Fast Transient Burst
- Variable Surge Test Immunity
- Immunity to Conducted Disturbances
- Voltage Dips and Interruption Immunity

Testing Standards:

- EN 55022: 2006
- EN 55024: 1998+A1
- EN 55024: 2001+A2
- EN 55024: 2003
- EN 60951: 2006
- EN 60952: 2014

DATA SHEET

PHYSICAL INTERFACE

RJ11 Fax Machine
RJ11 FXS Device
FTDI Management

INDICATOR LIGHTS

Phone / Fax Line
Power State
System Status
Ethernet Link

POWER OPTIONS

5V DC External
5V DC Internal

PHYSICAL OPERATING ENVIRONMENT

41 to 114 F
5 to 45 C
10 to 90 RH

PHYSICAL DIMENSIONS

5.5" x 4.25" x 0.9" (unit)
5.75" x 8.75" x 1.75" (box)
2.7 oz (raw weight)

FAX PROTOCOL SUPPORT

V.34, V.17, V.29, V.27, V.21
MH, MR, MMR
ECM Capable

OPERATING SYSTEM

Embedded Linux Kernel
256 MB NAND
64 MB DRAM
8 MB Flash

NETWORK CONFIGURATION

Static IP Address
DHCP Client

REMOTE PROVISIONING

Automatic via HTTPS
Firmware Updatable System Image

DEVICE IDENTIFICATION

Provisioned UID MAC Based UID

REMOTE DIAGNOSTICS

Telnet, SSH HTTP, HTTPS
TFTP, FTP, SysLog