

MTVG024/048 FXS Gateway



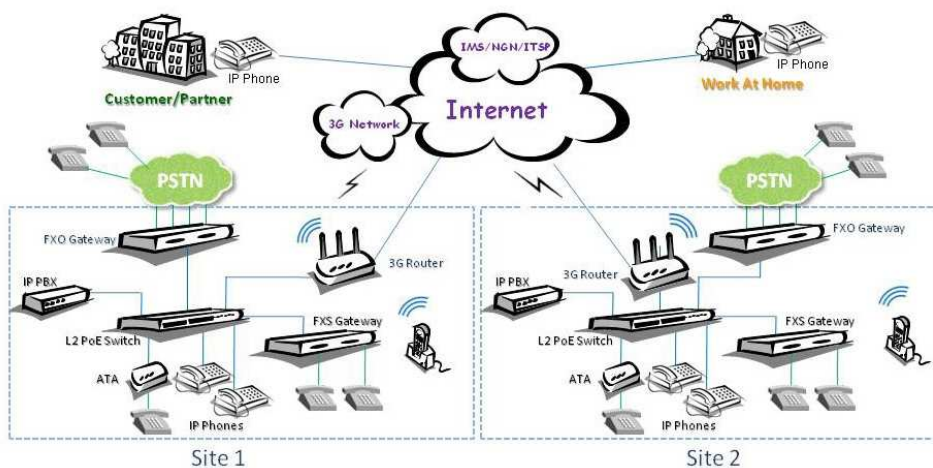
Product Overview

The MicroTell FXS Gateway (MTVG024/48) is compliant with the SIPv2 Voice over Internet Protocol (VoIP). Designed to meet Small and Medium Business requirement in high-port density, MTVG024/048 provide up to 48 FXS ports and it is fully interoperable with leading IP PBX and Soft switch systems.

MTVG024/48 can be used with MT's IP PBX (MTPBX5100), this allows you to take advantage of free calls between branch offices located around the world as well as reduced rate calls to the traditional telephone network. Increased functionality is added with supplementary services such as Call Waiting, Call Hold, Call Resume, Call Transfer, Call forwarding and 3-way conference call.

FEATURES	BENEFITS
SIPv2 compliant	The MTVG024/48 can be used with a SIP based Internet Telephony Service Provider (ITSP), IP PBX and other SIP based client devices to make and receive low cost VoIP calls.
Supplementary services	Supplementary services such as Call Waiting, Call Hold, Call Resume, Call Transfer, Call forwarding and 3-way conference calling provide increased functionality at no extra cost.
Superb voice quality	Advanced Digital Signal Processing (DSP), Silence suppression, VAD, CNG and AEC provide superb voice quality.
FAX Processing	T.30, T.38 Fax Relay
FXS Features	MTVG024/48 provide FXS interface for connecting with analog phones, Fax machines and legacy PBX systems
Remote Provisioning	HTTP/WEB, NMS, Remote Software Upgrade

Application Diagram



Key Features and Benefits

CALL FEATURES**

- Call Hold/Resume
- Call Forward
- Call Park
- Call Transfer
- Call Pickup
- 3-Way Conference Call**
- Caller ID
- Call History
- Redial
- DND
- Abbr. Dial

VOICE FEATURES

- SIPv2 (RFC3261)
- SIP INFO (RFC2976)
- SIP RPORT(RFC 3581)
- SDP (RFC2327)
- RTP (RFC1889)
- RTCP (RFC1890)
- G.711u/-a-law
- G.726
- G.729A/B
- G.723.1
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- G.168 Acoustic Echo Cancellation (AEC)
- Adaptive Jitter Buffer (AJB)
- DDI for HongKong
- T.38 Fax Relay

DTMF Method

- In-band
- RFC2833
- SIP INFO

NAT TRAVERSAL

- STUN (RFC3489)
- Outbound Proxy

MANAGEMENT

- Keypad configuration
- Web based management interface (HTTP)
- Telnet
- Auto provisioning**
- Remote firmware upgrade**

SECURITY

- HTTP 1.1 Basic/Digest Authentication for web setup
- MD5 for SIP authentication (RFC2069/RFC2617)

Hardware

- FXS support up to 3000m cable length
- 5REN(300m) / 3REN(1500m)
- Ring Voltage: 60V

TEMPERATURE

- Operating: 0°C to 40°C
- Storage: -10°C to 60°C

HUMIDITY

- Operating: 10% to 95% Non-condensing
- Storage: 10% to 95% Non-condensing

DIMENSION

- 4.4x44x30 cm
- 1U/19 inch

WEIGHT

- 7Kg

INPUT Voltage

- 100-240 Volt /50-60Hz

Power Consumption

- 70Watt (Max.)

CERTIFICATIONS

- FCC Part15

SYSTEM REQUIREMENTS

- Available 10/100Base-T Ethernet port
- SIP based VoIP user accounts
- We recommend using this product with the MTPBX5100

PACKAGE CONTENTS

- One FXS Gateway (MTVG024/48)
- One Power cord
- Rack Mounting Kit Set
- Quick Start Guide

WARRANTY

- Limited Lifetime
- **Requires network support

Contact

Marketed by

Gemini Communication Ltd.

#1, Dr. Ranga Road, Alwarpet, Chennai – 600 018,
Tamil Nadu, India.

Phone : 91 44 2499 6422 Fax : 91 44 2499 5062

E-mail : info@gcl.in url: www.gcl.in