

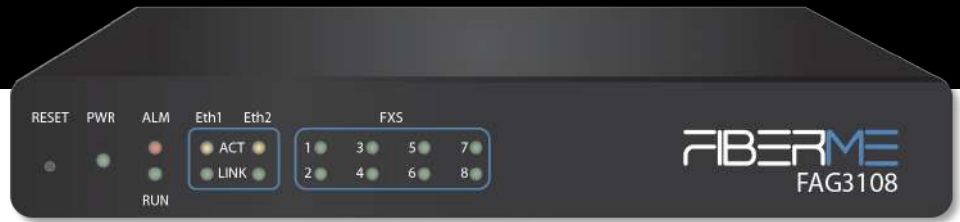
# FIBERME

## FAG3108

FXS Gateway



## 8 FXS Gateway



### FAG3108

FIBERME FAG3108 Analog Gateway converts analog PSTN messages into a format suitable for transmission over standard IP networks. The device comes with 8 FXS ports, ideally suited for small and medium businesses, call centers, and office businesses. FAG3108 supports the standard SIP protocol and is compatible with leading SIP-based IP telephony systems.

- Cost effective gateway with 8 FXS ports
- Fax over IP (T.38 and Pass-Through)
- Support IPv4 and IPv6
- TR069 and SNMP
- Multiple codecs: G.711A/U, G.723.1, G.729A/B, AMR, etc.
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

### Fit to Diverse Applications

Used to connect IP telephones to a legacy PBX, integrate network-hosted applications with the PBX, extend the PBX to branch offices, and integrate various voice and call processing capabilities in an enterprise LAN or WAN environment.

### Flexible Call Routing

Calls from the switched network to a VoIP destination on the IP network or conversely, and support the following call routing options: TDM to IP or IP to TDM, with IP load balancing, IP fault tolerance

### Controlled Migration to IP

Compatible with general FXS lines, and a variety of popular PBX manufacturers and protects investment in legacy telecommunications equipment.

### User-Friendly Management

Supports configuration via serial, Telnet, and a web browser including context-sensitive help.

Easy to install, configure, debug, and maintain.

### Enhanced Voice/Fax Processing

Supports a variety of compression algorithms, including G.711 A-law and  $\mu$ -law, G.729A/B; Transcode fax from T.30 fax protocol (supporting V.17) to T.38 for transmission over a packet network.

### Web Server Interface & Hot Swap

Each gateway unit is delivered with a web server interface, allowing configuration and software upgrades via a web browser; Allows gateway units to be added or removed without affecting other gateway.

<b>Capacity</b>	8 FXS Ports
<b>Ethernet Interfaces</b>	2x LAN Ports, RJ45
<b>Console Port</b>	1x RS232, 115200bps
<b>Voice and Fax</b>	<ul style="list-style-type: none"> <li>• G.711A/U law, G.723.1, G.729 A/B, AMR,iLBC</li> <li>• Silence Suppression</li> <li>• Comfort Noise Generation(CNG) Voice Activity Detection(VAD)</li> <li>• Echo Cancellation(G.168), with up to 128ms</li> <li>• Adaptive (Dynamic) Jitter Buffer Hook Flash</li> <li>• Programmable Gain Control</li> <li>• T.38/Pass-through</li> <li>• High-speed fax up to 14.4kbps Modem/POS</li> <li>• DTMF mode: Signal/RFC2833/INBAND</li> <li>• VLAN 802.1P/802.1Q</li> <li>• (data/voice/management VLANs) Layer3 QoS and DiffServ</li> </ul>
<b>FXS Connector</b>	<ul style="list-style-type: none"> <li>• RJ11</li> <li>• Dial Mode: DTMF and Pulse</li> <li>• Caller ID: DTMF/FSK CLI Presentation Max Cable Length: 5 km</li> <li>• Reversed Polarity</li> <li>• Programmable Call Progress Tone</li> </ul>
<b>Software Features</b>	<ul style="list-style-type: none"> <li>• Hunting Group Web ACL</li> <li>• PPPoE/IPv4/IPv6</li> <li>• Digitmap</li> <li>• Routing Rules based Prefixes Caller/Called Number Manipulation</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>• SNMP v1/v2/v3</li> <li>• TR069</li> <li>• Auto Provisioning Web/Telnet</li> <li>• Configuration Backup/Restore</li> <li>• Firmware Upgrade via Web CDR</li> <li>• Syslog(Emerg,alert, critical,error warning,notice,info, debug)</li> <li>• Ping/Tracert Test Network Capture</li> <li>• NTP/Daylight Saving Time</li> </ul>
<b>VoIP Protocols</b>	<ul style="list-style-type: none"> <li>• SIP v2.0 (UDP/TCP),RFC3261 SDP,RTP(RFC2833), RFC3262, 3263,3264,3265,3515,2976,3311</li> <li>• SIP TLS/SRTP</li> <li>• RTP/RTCP, RFC2198, 1889</li> <li>• RFC4028 Session Timer</li> <li>• DNS SRV/ A Query</li> <li>• SIP Trunk</li> <li>• Early Media/Early Answer</li> <li>• NAT:STUN, Static/Dynamic NAT</li> </ul>
<b>Power Supply</b>	12V – 1.0A
<b>Storage Temperature</b>	20 °C ~85 °C
<b>Humidity</b>	10%-90% Non-Condensing



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