www.omxtech.net

OM-GW1000-4O/8O

Voip analog gateway series is IP -Based access gateway to connect analog lines from the telephone.

OM-GW1000-4O

OM-GW1000-8O

OM-GW1000-8O FXO Series VoIP analog gateway are IP-based access gateway. Provide a low cost, simple operation
VoIP solutions for small business, the family office, remote office and branch businesses.OMX FXO series can connect with
the traditional telephone, fax and traditional analog PBX through standard voice interface, and provide high quality
voice service. It Is VoIP access gateway adopt standard SIP protocol and compatibility with most of the IPPBX and
network platform based on SIP.

KEY BENEFITS

- Primary and secondary SIP account

- Flexible setup FXO port group

- IP trunk

- Flexible routing and manipulation

- Data/Voice/Management VLAN

- Voice and FAX all in one

- Caller ID

- Firmware update automatically /configure update

Physical Interface

- Telephone interface: 4O/8OFXO, RJ-11
- Ethernet Interface: 4*RJ-45 10/100 Base-Tx , RJ-45

Voice & Fax

- G.711A/U law, G.723.1, G.729A/B
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- T.38/Pass-through/Modem FAX mode, Up to 14.4kbps
- DTMF mode: Signal/RFC2833/INBAND

Private Service

- Inquire LAN port IP *158#
- Inquire WAN port IP *159#
- Get IP address *150*
- Restart *111#
- Factory reset *166*000000#

Maintain and Upgrade

- Web based configuration
- Telnet configuration
- Data backup/restore
- Support English and Chinese language
- Firmware upgrade by TFTP
- Web & telnet login password modify
- Factory reset
- Automatic time synchronization
- IVR local maintenance management

Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP/HTTPS
- DNS/DNS SRV (RFC 1706/RFC 2782)
- VLAN 802.1P/802.1Q
- Diff Serve

FXO Features

- Busy tone detection
- No current detection
- Voice interrupted detection
- One stage dialing
- Two stage dialing
- Pulse Dialing
- Polarity Reversal
- FAS（Fake billing correction）
- Programmable DC/AC impedance
- Caller ID (Bellcore Type 1&2,
- ETSI,DTMF

Network Features

- NAT (Rout& Bridge)
- Static IP, PPPoE, DHCP
- DHCP server
- MAC address clone
- DMZ
- IP,TCP, UDP,TFTP, FTP, TCP,ARP,RARP,
- Ping, NTP, SNTP, Http, DNS, Tracert
- Static/dynamic ARP

Physical properties

- Power input:100-240V,50-60Hz,1.2A Max 4FXO output: 12VDC,1A 8FXO output:12VDC,2A
- Power consumption(W): 4FXO:12; 8FXO:20
- Temperature(operation): 0 ℃ ~ 45 ℃ (storage): -20 ℃ ~80 ℃
- Operation Humidity: 10%-90% no condensation
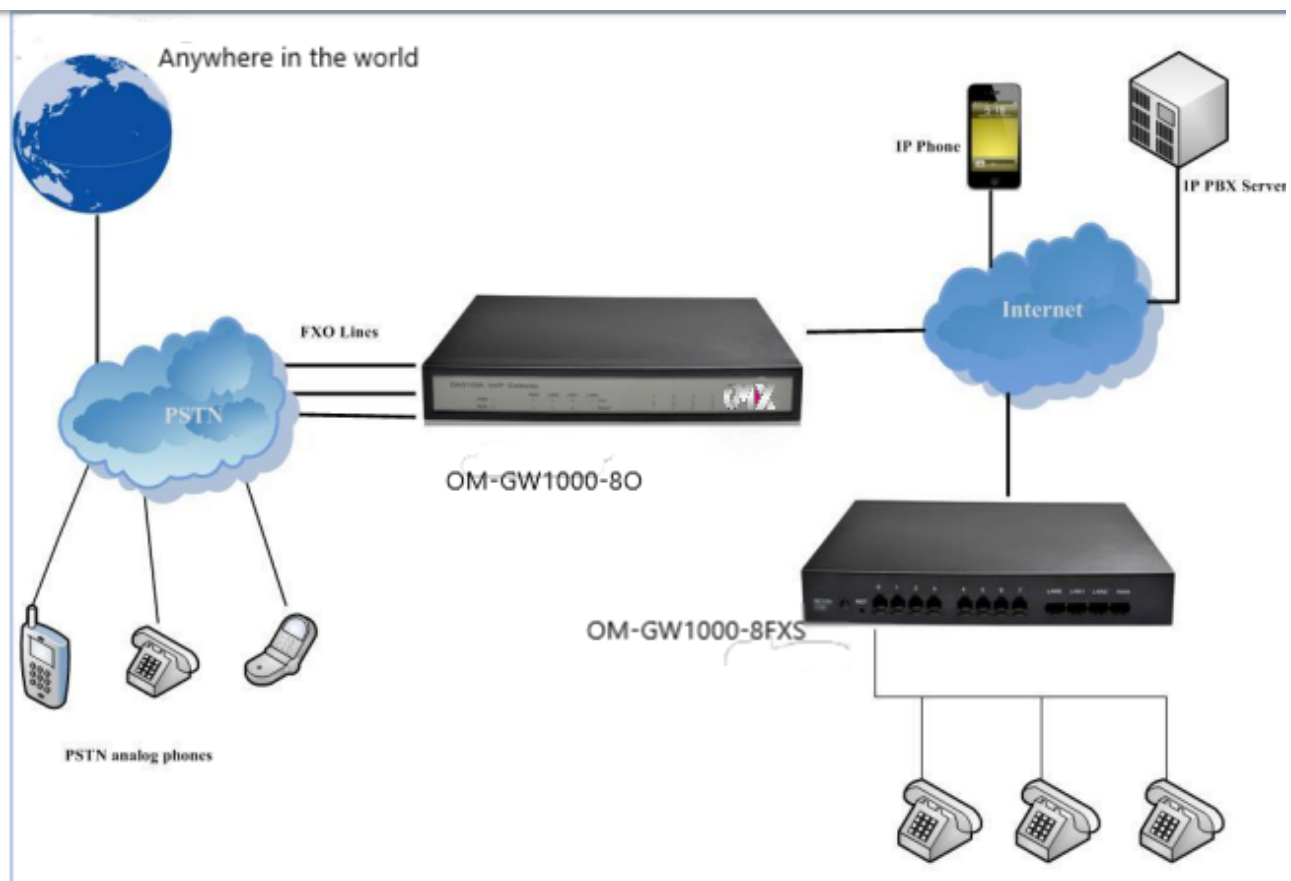- Dimension(w/D/H): 4/8FXO 242*152*40mm 1kg

Authentication

- CE, FCC

Call & Routing

- FXO port group
- IP Trunk
- Primary and secondary SIP account
- 32 inbound routing
- 32 outbound routing
- Number manipulation
- Dial plan set

Packing Content

- Gateway
- Power adapter
- RJ-45 Network cable
- User's Manual CD

System Application

Anywhere in the world

IP Phone

IP PBX Server

Internet

FXO Lines

OM-GW1000-8O

PSTN

OM-GW1000-8FXS

PSTN analog phones