

# OM-GW1000-8S

Analog gateway series a versatile IP -Based voice and fax gateway.



## OM-GW1000-8S

OM-GW1000-8S is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), fax machines and PBX systems. The device offers 8FXS ports, fax over IP and flexible dial plans. It is ideally suited for small and medium businesses, callcenters and multi-location environments that need VoIP services. OM-GW1000-8S supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

### Key Features

- Cost effective gateway with 8 FXS ports
- Fax over IP (T.38 and Pass-Through)
- Support IPv4 and IPv6
- TR069 and SNMP
- Elastix/Broadsoft Certification
- Multiple codecs: G.711A/U, G.723.1, G.729A/B, AMR, G.726 etc.
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

## Physical Interface

- Capacity 8 FXS, RJ11
- Ethernet Interfaces: 1\* WAN, 10/100Mbps, RJ-45 3\* LAN, 10/100Mbps, RJ-45
- Console N/A

## Voice & Fax

- G.711A/U law, G.723.1, G.729A/B, G.726, AMR, iLBC
- Silence Suppression
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168), with up to 128ms
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through
- Modem/POS
- DTMF mode: Signal/RFC2833/INBAND
- VLAN 802.1P/802.1Q
- Layer3 QoS and DiffServ
- MOS: 4.192 (G.711 Codec)

## Supplementary Service

- Call Waiting
- Blind Transfer
- Attend Transfer
- Call Forward on Busy
- Call Forward on No Reply
- Unconditional Call Forward
- Warm/Immediately Hotline
- Call Hold
- Do-not-disturb
- 3-Way Conference
- Message Waiting Indicator

## FXS

- Connector: RJ11
- Dial Mode: DTMF and Pulse
- Pulse: 10 and 20 PPS
- Caller ID: DTMF/FSK CLI Presentation
- Max Cable Length: 3km
- Reversed Polarity
- Programmable Call Progress Tone
- Internal Call

## VoIP

- Protocol: SIP v2.0 (UDP/TCP), RFC3261
- SDP, RTP (RFC2833), RFC3262, 3263, 3264, 3265, 3515, 2976, 3311
- RTP/RTCP, RFC2198, 1889
- SIP TLS/SRTP
- RFC4028 Session Timer
- RFC2806 TEL URI
- RFC3581 NAT, rport
- Primary/Backup SIP Server
- Outbound Proxy
- DNS SRV/ A Query/NATPR Query
- SIP Trunk
- Early Media/Early Answer
- NAT:STUN, Static/Dynamic NAT

## Software Features

- Hunting Group
- Web ACL
- Telnet ACL
- Action URL
- PPPoE/IPv4/IPv6
- Digitmap
- Routing Rules based Prefixes
- Caller/Called Number Manipulation

## Maintainance

- SNMP v1/v2/v3
- TR069
- Auto Provisioning(tftp,http,https)
- HTTP/HTTPS Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via Web
- CDR
- Syslog
- Ping/TracertTest
- Network Capture
- Outward Test(GR909)
- NTP/Daylight Saving Time
- IVR local Maintenance
- Cloud-based Management

## Environmental

- Power Supply:
- 100-240VAC, 50-60 Hz@DC12V 2A
- Power Consumption:18W(Typical)
- Operating Temperature:0 °C~ 45 °C
- Storage Temperature: -20 °C~80 °C
- Humidity:10%-90% Non-Condensing
- Dimensions(W/D/H): 240\*154\*37mm
- Unit Weight: 1kg
- Compliance: CE, FCC