Datasheet

FXO Analog VoIP Gateway

UB40-8O is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), and PBX systems. The device offers 8 FXO ports, which is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

UB40-8O supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

Model:

UB40-8O

3-Way Conference | T.38/T.30 | 8 FXO | TLS/SRTP | NGN/IMS | VLAN

Highlights

- Cost effective gateway with 8 FXO ports
- Fax over IP (T.38 and Pass-Through)
- TR069 and SNMP
- Multiple codecs: G.711A/U,G.723.1,G.729A/B etc.
- Flexible Call Routing and Number Manipulation
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

Datasheet

Physical Interfaces

Capacity:

2 FXO, RJ11, 4 FXO, RJ11, 8 FXO, RJ11

Ethernet Interfaces:

1* WAN, 1* LAN,10/100Mbps, RJ-45

1* WAN, 3* LAN,10/100Mbps, RJ-45

FXO

Connector: RJ11

FAS

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Busy Tone Detection

No Current Detection

Call Detection: Bellcore Type 1&2, ETSI, DTMF

Dial Mode: DTMF/Pulse Dialing

AC/DC Impedance Configuration

Voice & FAX

Modem/POS

VLAN 802.1P/802.1Q

Layer3 QoS and DiffServ

T.38/Pass-through

Silence Suppression

Comfort Noise Generation (CNG)

Voice Activity Detection (VAD)

Echo Cancellation (G.168), with up to 128ms

Adaptive (Dynamic) Jitter Buffer

Programmable Gain Control

Audio Codec: G.711A/U law, G.723.1, G.729A/B, G.726

DTMF mode: Signal/RFC2833/INBAND

VoIP

Protocol: SIP v2.0 (UDP/TCP),RFC3261 SDP,RTP(RFC2833), RFC3262, RFC3263, RFC3264, RFC3265, RFC3515, RFC2976, RFC3311

SIP Trunk

SIP TLS/SRTP

RFC3266 IPv6 in SDP

RFC2806 TEL URI

RFC3581 NAT, rport

Outbound Proxy

RFC4028 Session Timer

RTP/RTCP, RFC2198, RFC1889

DNS SRV/ A Query/NATPR Query

Early Media/Early Answer

NAT:STUN, Static/Dynamic NAT

Maintenance

CDR

Syslog

Web/Telnet

SNMP v1/v2/v3

TR069, TR181

Network Capture

Configuration Backup/Restore

Firmware Upgrade via Web

NTP/Daylight Saving Time

IVR local Maintenance

Network

PPPoE

DHCP Client

OpenVPN

Ping / Tracert

Static / Dynamic IP

DHCP Option 66,120,121

IPv4, TCP, UDP,TFTP, FTP, ARP,RARP, Ping, NTP, SNTP, HTTP/HTTPS, DNS

Software Features

Port Group

Action URL

Digitmap

Speed Dial

Web/Telnet ACL

Routing Rules based Prefixes

Caller/Called Number Manipulation

Environmental

Power Supply: 100-240VAC, 50-60 Hz @ External Adapter DC12V

Power Consumption:

Operating Temperature: 0 ℃ ~ 45 ℃

Storage Temperature: -20 ℃ ~80 ℃

Humidity: 10%-90% Non-Condensing

Dimensions(L/W/H) and Weight: 242*152*40mm, 1kg

Compliance: MTCTE