

# UB40-80

## FXO Analog Gateway



### Product Description

UB40 series 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.

### Product Features

- Cost effective gateway with 2/4/8 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



UB40-20



UB40-40



UB40-80

## PRODUCT FEATURES AND SPECIFICATIONS

# UB40-80 FXO Analog Gateway

### Physical Interfaces

Capacity:

UB40-20, 2 FXO, RJ11

UB40-40, 4 FXO, RJ11

UB40-80, 8 FXO, RJ11

• Ethernet Interfaces:

UB40-20:

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

UB40-40/80:

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

Auto Provisioning

Network Capture

Configuration Backup/Restore

Firmware Upgrade via Web

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

### Network

PPPoE

DHCP Client

OpenVPN

Ping / Tracert

Static / Dynamic IP

DHCP Option 66,120,121

IPv4, TCP, UDP,TFTP, FTP, ARP,RARP,

Ping, NTP, SNMP, 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: UB40-20: 5W  
UB40-40: 12W UB40-80: 20W

Operating Temperature: 0 °C ~ 45 °C

Storage Temperature: -20 °C ~ 80 °C

Humidity: 10%-90% Non-Condensing

Dimensions(L/W/H) and Weight:

UB40-80: 242\*152\*40mm, 1kg

Compliance: CE, FCC

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