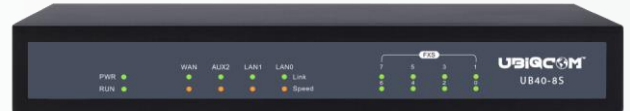


# UB40-8S FXS Analog VoIP Gateway

8 Ports FXS Gateway



## Product Description

UB40-8S 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 8 FXS ports, fax over IP and flexible dial plans. It is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

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

## Product Features

- 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,G.726 etc.
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

## PRODUCT FEATURES AND SPECIFICATIONS

# UB40-8S FXS Analog VoIP Gateway

### Physical Interfaces

#### 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, 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

High speed fax up to 14.4kbps Modem/POS

DTMF mode: Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q

(Voice/data/management VLANs)

Layer3 QoS and DiffServ

### Supplement Service

Call Waiting

Blind Transfer

Attend Transfer

Call Forward on Busy Call

Call Forward on No Reply

Unconditional Call Forward

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

### Software Features

Hunting Group

Web ACL

Telnet ACL

Action URL

PPPoE/IPv4/IPv6

Digitmap

Bandwidth Optimization

Routing Rules based Prefixes

Caller/Called Number Manipulation

### Maintenance

SNMP v1/v2/v3

TR069

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web CDR

Syslog ( Emerg, alert, critical, error

warning, notice, info, debug)

Ping/Tracert Test

Network Capture

Outward Test (GR909)

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

### VoIP

#### Protocol:

SIP v2.0 (UDP/TCP), RFC3261

SDP, RTP(RFC2833), RFC3262,

3263, 3264, 3265, 2976, 3311

ETC (3GPP TS24.629), 3891, 3892

SIP over TLS

RTP/RTCP, RFC2198, 1889

RFC4028 Session Timer

RFC3266 IPv6 in SDP 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

### Environmental

#### Power Supply:

100-240VAC, 50-60 Hz@DC12V 1A

Power Consumption: 5W(Typical)

Storage Temperature: -20 °C ~80 °C

Humidity: 10%-90% Non-Condensing

Dimensions(W/D/H): 140\*86\*25mm

Unit Weight: 1kg

Compliance: CE, FCC

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