

UB40-4S (GE) FXS

Analog VoIP Gateway

4 Ports FXS Gateway



Product Description

UB40-4S(GE) is a multi-functional VoIP gateway with 1000Mbps of full duplex connection through its combo copper/ SFP uplinks. The gateway offers 2 gigabit ethernet ports, 1 SFP port and 4 FXS RJ11 Telephone ports, which helps to seamless connectivity between IPbased telephony networks and legacy telephones (POTS), fax machines and PBX systems. It is ideally suited for active FTTx application, small and medium businesses, service providers and multi-location environments that need VoIP services.

UB40-4S(GE) 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 4 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, iLBC
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

PRODUCT FEATURES AND SPECIFICATIONS

UB40-4S FXS Analog VoIP Gateway

Physical Interfaces

Capacity

4 FXS, RJ11

Ethernet Interfaces:

1* WAN, 10/100/1000Mbps, RJ-45

1* LAN, 10/100/1000Mbps, RJ-45

1* SFP Slot (uplink port)

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

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

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 (HTTP) /Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog (Emerg, alert, critical, error

warning, notice, info, debug)

Ping(ICMP)/Tracert Test

Network Capture

Outward Test(GR909)

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

IEEE 802 (ARP/RARP)

VoIP

Protocol:

SIP v2.0 (UDP/TCP), RFC3261

SDP, RTP(RFC2833), RFC3262,

3263, 3264, 3265, 2976, 3311 ETC (3GPP TS

24.629, RFC

3515, RFC 3891, RFC 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: 0.2kg

Compliance: CE, FCC

UBIQCUM INDIA PVT. LTD

Corporate Office: D-92, First Floor, Sector - 63, Noida, UP-201301 | Website: www.ubiqcom.in | Email: info@ubiqcom.in

Sales: +91 99 10 77 17 97 | Support Toll Free: 1800-1212-051

Branch Offices: Delhi, Noida, Mumbai, Pune, Chandigarh, Bengaluru, Hyderabad, Ahmedabad, Chennai, Kolkata, Kochi