

UB40-4S FXS

Analog VoIP Gateway

4 Ports FXS Gateway



Product Description

UB40-4S 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 4 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.

UB40-4S supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based 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 Mbps, RJ-45

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

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

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