

UB40-16S FXS

Analog VoIP Gateway

16 Ports FXS



Product Description

UB40-16S FXS 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 16 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.

UB40-16S FXS 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 16 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

UB40-16S FXS Analog VoIP Gateway

Physical Interfaces

Capacity

16 FXS, RJ11

Ethernet Interfaces:

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

Console:

1*RS232, 115200bps

Voice & FAX

G.711A/U law, G.723.1, G.729A/B,

G.726, AMR, 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 Speed Dial

FXS

Connector: RJ11

Dial Mode: DTMF and Pulse Pulse: 10

and 20 PPS

Caller ID: DTMF/FSK CLI Presentation Max

Cable Length: 5 km

Reversed Polarity

Programmable Call Progress Tone

Software Features

Hunting Group

Web ACL Telnet

ACL Action URL

PPPoE/IPv4/IPv6

OpenVPN Digitmap

Routing Rules based Prefixes Caller/Called

Number Manipulation

Maintenance

SNMP v1/v2/v3

TR069, TR181

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(RFC2327),RTP(RFC2833),

RFC3262,3263,3264,3265,

3515,2976,3311

SIP TLS/SRTP

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 Power

Consumption:30W(Typical)

Operating Temperature:0 °C ~ 45

°C Storage Temperature: -20 °C

~80 °C Humidity:10%-90% Non-

Condensing Dimensions(W/D/H):

440*230*44mm Unit Weight:

2.7kg

Compliance: CE, FCC

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