

UB40-160 FXO Analog VoIP Gateway

16 Ports FXO Gateway



Product Description

UB40-160 is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), and PBX systems. The device offers 16 FXO ports, which is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

UB40-160 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 FXO 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 etc.
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

PRODUCT FEATURES AND SPECIFICATIONS

UB40160 FXO Analog VoIP Gateway

Physical Interfaces

Capacity: 16* FXO,RJ11

Ethernet Interfaces:

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

Console: 1*RS232, 115200bps

FXO

Connector: RJ11

Dial Mode: DTMF/Pulse Dialing

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Busy Tone Detection

No Current Detection

Voice & FAX

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

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

T.38/Pass-through

Modem/POS

DTMF mode: Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q

Layer3 QoS and DiffServ

VoIP

Protocol:

SIP v2.0 (UDP/TCP),RFC3261

SDP,RTP(RFC2833), RFC3262,

3263,3264,3265,3515,2976,3311

SIP TLS/SRTP

RTP/RTCP, RFC2198, 1889

RFC4028 Session TimerRFC3266

IPv6 in SDP RFC2806 TEL URI

RFC3581 NAT,rport

Outbound Proxy

DNS SRV/ A Query/NATPR QuerySIP Trunk

Early Media/Early Answer NAT:STUN,

Static/Dynamic NAT

Maintenance

SNMP v1/v2/v3 TR069

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog

Network Capture

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

Network

Static/Dynamic

IP,PPPoE

DHCP Client

IPv4/IPv6

TCP, UDP,TFTP, FTP, ARP,RARP, Ping,

NTP, SNMP, HTTP/HTTPS, DNS

Ping / Tracert

DHCP Option 66,120,121

Software Features

Port Group

Web ACL

Telnet ACL

Action URL

Digitmap

Routing Rules based Prefixes

Caller/Called Number

Manipulation

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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