

UB4040 FXO

Analog VoIP Gateway

4 Ports FXO Gateway



Product Description

UB4040 FXO analog gateway is a type of access gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS) and PBX systems. The analog gateway has 4 FXO ports and is used to connect to analog PBX or the PSTN lines of telecom carriers. With the standard SIP protocol, it's compatible with leading IMS/NGN platforms and SIP-based IP Phone systems.

It provides low-cost and easy-to-use VoIP solutions for small businesses, SOHO, remote offices as well as enterprises with multiple branches.

Product Features

- 4 FXO ports, 1 WAN, 3 LAN
- Support SIP, IMS
- T.38 Fax
- Flexible routing & Dial plan
- Interoperable with leading soft switches, IP-PBXs and SIP servers
- Fax over IP (T.38 and Pass-Through)
- Support IPv4 and IPv6
- 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

UB4040 FX0 Analog VoIP Gateway

Physical Interfaces

Capacity
DAG1000-40, 4 FX0, RJ11

Ethernet Interfaces:

1* WAN, 3* LAN,10/100Mbps,
RJ-45
Console: N/A

FX0

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,
G.726
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 Timer
RFC3266 IPv6 in SDP
RFC2806 TEL URI
RFC3581 NAT,rport
Outbound Proxy
DNS SRV/ A Query/NATPR Query
SIP 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 @
External Adapter DC12V

Power Consumption:

DAG1000-40: 12W
DAG1000-80: 20W
Operating Temperature:0 °C ~ 45 °C
Storage Temperature: -20 °C ~80 °C
Humidity:10%-90% Non-Condensing
Dimensions(W/D/H):242*152*40mm
Unit Weight: 1kg
Compliance: CE, FCC

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