



DAG1000 FXO Analog VoIP Gateway

Overview

DAG1000 is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), and PBX systems. The device offers 2, 4 or 8 FXO ports, which is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

DAG1000 supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

Pictures



DAG1000-20



DAG1000-40



DAG1000-80

Key Features

- Cost effective gateway with 2/4/8 FXO ports
- Fax over IP (T.38 and Pass-Through)
- TR069 and SNMP
- Multiple codecs: G.711A/U,G.723.1,G.729A/B etc.
- Flexible Call Routing and Number Manipulation
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

Physical Interfaces

- Capacity:
DAG1000-20, 2 FXO, RJ11
DAG1000-40, 4 FXO, RJ11
DAG1000-80, 8 FXO, RJ11
- Ethernet Interfaces:
DAG1000-20:
1* WAN, 1* LAN,10/100Mbps, RJ-45
DAG1000-40/80:
1* WAN, 3* LAN,10/100Mbps, RJ-45

FXO

- Connector: RJ11
- FAS
- Caller ID: FSK, DTMF
- Polarity Reversal
- Answer Delay
- Busy Tone Detection
- No Current Detection
- Call Detection: Bellcore Type 1&2, ETSI, DTMF
- Dial Mode: DTMF/Pulse Dialing
- AC/DC Impedance Configuration

Voice & FAX

- Modem/POS
- VLAN 802.1P/802.1Q
- Layer3 QoS and DiffServ
- T.38/Pass-through
- 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
- Audio Codec: G.711A/U law, G.723.1, G.729A/B, G.726
- DTMF mode: Signal/RFC2833/INBAND

VoIP

- Protocol:** SIP v2.0 (UDP/TCP),RFC3261
SDP,RTP(RFC2833), RFC3262, RFC3263,
RFC3264, RFC3265, RFC3515, RFC2976,
RFC3311
- SIP Trunk
- SIP TLS/SRTP
- RFC3266 IPv6 in SDP
- RFC2806 TEL URI
- RFC3581 NAT, rport
- Outbound Proxy
- RFC4028 Session Timer
- RTP/RTCP, RFC2198, RFC1889
- DNS SRV/ A Query/NATPR Query
- Early Media/Early Answer
- NAT:STUN, Static/Dynamic NAT

Maintenance

- CDR
- Syslog
- Web/Telnet
- SNMP v1/v2/v3
- TR069, TR181
- Auto Provisioning
- Network Capture
- Configuration Backup/Restore
- Firmware Upgrade via Web
- NTP/Daylight Saving Time
- IVR local Maintenance
- Cloud-based Management

Network

- PPPoE
- DHCP Client
- OpenVPN
- Ping / Tracert
- Static / Dynamic IP
- DHCP Option 66,120,121
- IPv4, TCP, UDP,TFTP, FTP, ARP,RARP,
Ping, NTP, SNTP, HTTP/HTTPS, DNS

Software Features

- Port Group
- Action URL
- Digitmap
- Speed Dial
- Web/Telnet ACL
- Routing Rules based Prefixes
- Caller/Called Number Manipulation

Environmental

- Power Supply: 100-240VAC, 50-60 Hz @
External Adapter DC12V
- Power Consumption:
DAG1000-20: 5W
DAG1000-40: 12W
DAG1000-80: 20W
- Operating Temperature: 0 °C ~ 45 °C
- Storage Temperature: -20 °C ~80 °C
- Humidity: 10%-90% Non-Condensing
- Dimensions(L/W/H) and Weight:
DAG1000-20: 195*135*35mm, 0.6Kg
DAG1000-40: 242*152*40mm, 1kg
DAG1000-80: 242*152*40mm, 1kg
- Compliance: CE, FCC

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About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.