



DAG1000-1/2S Analog Telephone Adapter

Overview



- DAG1000-1S



- DAG1000-2S

DAG1000-1/2S is a multi-functional analog telephone adapter which offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), fax machines and PBX systems. The device offers 1 or 2 FXS ports, fax over IP and integrated with high speed NAT router. These powerful ATAs features exceptional voice quality in various application environments such as SOHO, home users etc. Moreover, with automated provisioning and Centralized manage system, users can easily maintenance and volume deployment.

Key Features

- Cost effective ATA with 1 or 2 FXS ports
- Fax over IP (T.38 and Pass-Through)
- Support IPv4 and IPv6
- TR069 and SNMP
- Elastix/Broadsoft Certification
- Multiple codecs: G.711A/U, G.723.1, G.729A/B, G.726
- Fully compatible with leading IMS/NGN, SIP based IP telephony system

Honesty Concentration

Physical Interfaces

- **Capacity**
DAG1000-1S: 1* FXS, RJ11
DAG1000-2S: 2* FXS, RJ11
- **Ethernet Interfaces:**
1* WAN, 10/100Mbps, RJ-45
1* LAN, 10/100Mbps, RJ-45
- **Console**
N/A

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

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
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through
- Modem/POS
- DTMF modes:
SIP Info/RFC2833/Inband
- VLAN 802.1P/802.1Q
- Layer3 QoS and DiffServ
- MOS: 4.192 (G.711 Codec)

VoIP

- Protocol: SIP v2.0 (UDP/TCP), RFC3261
SDP, RTP(RFC2833), RFC3262, 3263, 3264, 3265, 3515, 2976, 3311
- RTP/RTCP, RFC2198, 1889
- SIP over TLS
- 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

Innovation Open-mind

Supplementary 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

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/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via Web
- CDR
- Syslog
- Ping/Tracert Test
- Network Capture
- Outward Test(GR909)
- NTP/Daylight Saving Time
- IVR local Maintenance
- Cloud-based Management

Environmental

- Power Supply:
100-240VAC, 50-60 Hz@DC12V 1A
- Power Consumption:<5W
- Operating Temperature:0 °C ~ 45 °C
Storage Temperature: -20 °C ~80 °C
- Humidity:10%-90% Non-Condensing
- Dimensions(W/D/H): 126*76*25mm
- Unit Weight: <=0.2kg
- Compliance: UL

Dinstar Technologies Co., Ltd.

9th Floor, Guoxing Building, Changxing Road, Nanshan District, Shenzhen,
Guangdong, P.R.China, 518052

Tel.: +86 755 6191 9966 FAX: +86 755 2645 6659

Email: sales@dinstar.com support@dinstar.com

Website: www.dinstar.com