

DAG2000-32S FXS Analog VoIP Gateway

Overview

DAG2000-32S is a multi-functional analog gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), fax machines and PBX systems.

With the standard RJ11 and RJ21 interfaces, the device offers 32 FXS ports. It is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

DAG2000-32S supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.



Key Features

- Cost effective gateway with 32 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

Physical Interfaces

- Capacity
32*RJ11
2*RJ21, 50 PIN
- Ethernet Interfaces:
2*GE, 10/100/1000Mbps, RJ45
- Console:
1*RS232, 115200bps

Voice & FAX

- Hook Flash
- Modem/POS
- T.38/Pass-through
- Silence Suppression
- VLAN 802.1P/802.1Q
- Layer3 QoS and DiffServ
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- High speed fax up to 14.4kbps
- DTMF mode: Signal/RFC2833/INBAND
- (data/voice/management VLANs)
- Echo Cancellation(G.168), with up to 128ms
- G.711A/U law, G.723.1, G.729 A/B, G.726, AMR, iLBC

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

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DINSTAR

FXS

- Connector: RJ11 and RJ21
- 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

- CDR
- SNMP v1/v2/v3
- TR069, TR181
- Auto Provisioning
- Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via Web
- 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

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.

VoIP

- Protocol:
SIP v2.0 (UDP/TCP),RFC3261
SDP(RFC2327),RTP(RFC2833),
RFC3262, RFC3263, RFC3264, RFC3265,
RFC3515, RFC2976, RFC3311
- SIP TLS/SRTP
- RTP/RTCP, RFC2198, RFC1889
- 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: 40W
- Operating Temperature: 0 °C ~ 45 °C
- Storage Temperature: -20 °C ~80 °C
- Humidity: 10%-90% Non-Condensing
- Dimensions(W/D/H): 440*250*44mm
- Unit Weight: 3.2kg
- Compliance: CE, FCC