

## Dinstar DAG1000-8S 8\*FXS Gateway (DAG1000-8S)

Product Name: Dinstar DAG1000-8S 8\*FXS Gateway (DAG1000-8S)

Manufacturer: Dinstar

Model Number: DAG1000-8S



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DAG1000-8S is a multi-functional Analog VoIP Gateway offering seamless connectivity between IP-based telephony networks and legacy telephones (POTS), fax machines and PBX systems.

The device offers 8 FXS ports, fax over IP and flexible dial plans. It is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services.

Dinstar DAG1000-8S Key Features

- Supports SIP/MGCP
- Primary/Backup SIP Servers
- Flexible Routing and Manipulation
- Supports Modem/POS
- Elastix/Broadsoft Certification
- Supports IPv4 and IPv6
- Data/ Voice/ Management VLAN
- Build-in Firewall and Access Rules
- SNMP/TR069/Provision
- Cloud-based Management System and Bandwidth Optimization

Dinstar DAG1000-8S - Technical Specifications

Key Features

• 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 etc, Fully compatible with leading IMS/NGN, SIP based IP telephony system

Interfaces

- Telephone Interfaces: 8 FXO, RJ11
- Ethernet Interfaces: 1\* WAN, 3\* LAN, 10/100Mbps, RJ-45

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

FXO

• Connector: RJ11 & Dial Mode: DTMF/Pulse Dialing & Caller ID: FSK, DTMF & Polarity Reversal & Answer Delay & Busy Tone Detection & No Current Detection

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### VoIP

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

### Network Features

• Static/Dynamic IP • PPPoE • DHCP Client • IPv4/IPv6 • TCP, UDP, TFTP, FTP, ARP, RARP, Ping, NTP, SNTP, HTTP/ HTTPS, DNS • Ping / Tracert • DHCP Option 66, 120, 121

### 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

### Power

• 20W

### Environmental

• Operating Temperature: 0 °C; ~ 45 °C; Storage. Temperature: -20 °C; ~80 °C; Humidity: 10%-90% (Non-Condensing)

### Physical

• Dimension: 242\*152\*40mm (LxWxH), Unit Weight- 1 Kg

### Compliance

• Compliance: CE, FCC

**Price: £155.50**