

DAG1000 Series ATA Gateway Feature List

Specifications	DAG1000 Series ATA Gateway
General Information	
Product Type	SIP VOIP access gateway
Product Model	DAG1000-1/2/4/8FXS
Market Target	Apply to Small enterprise, Family office, multiple branch enterprise. Both low-cost VoIP service while preserving the traditional PSTN network
Performance	Stable high-definition voice quality
Release Date	22/03/2012
Current Software Version	V20.03.03.01
Current Hardware Version	PCB 24.1
LEDs Indicator	
PWR	Indicating the status of system power
RUN	Indicating the running status of device
WAN	Indicating WAN port activity
LAN	Indicating PC&LAN port activity
FXS	Indicating the status of the respective FXS ports on the back
Link	Indicating the status of the network connection
Speed	Indicating network bandwidth, 10Mbps/100Mbps
Ethernet Interface	
Number of interface	2/4 * 10/100 BASE-TX (RJ-45)
Auto adapted	Supported
Automatic flip	Supported
FXS Interface	
Number of Interfaces	1/2/4/8 * FXS
Transmission distance	1km
Charging mode	Anti-polar signal
Signals & Protocols	
SIP Signaling	
Protocols compliant	SIP V1.0/2.0 and RFC3261
Authentication	Supported
SIP encryption	Supported
Voice & FAX	
G.723.1	Supported
G.729	Supported
PCM A/U	Supported
DTMF mode	RFC2833, SIP INFO and INBAND
FAX over IP	T.38/ Pass-Through/Modem, baud rate:14.4kbps
Trunk Features	
Call forwarding	Supported
Call hold	Supported
DND	Supported
Caller ID	Time-Based service
PPPoE	Supported
Busy Tone	Supported
PSTN & VoIP routing	Users can set up routing to go PSTN or IP

Function keys	Support 26 function keys
Network Features	
Network protocol	TCP/UDP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET and STUN
Static IP	Supported
DNS	Supported
NAT	STUN
Static and dynamic ARP	Supported
VLAN	Data, Voice, Management
Qos	Tos / DSCP to ensure voice quality, data, management information transmission
DHCP Server	Supported
DHCP Client	Supported
Routing & number manipulation	Maximum 32
Security & Reliability	
Admin management	Administrator authentication by username and password
Maintenance & Upgrade	
Web configuration	Supported
Telnet configuration	Supported
Support languages	English and Chinese
Firmware upgrade	TFTP and Web
Syslog type	ERROR,NONE,DEBUG,NOTICE,WARNING
CDR	Output CDR by Syslog
Follow-up testing	Ping and trace on web
Compatibility	
Tested platforms	Work well with softswitch providers such as Huawei soft X3000, ZTE ZXSS10, Cisco, Alcatel, Lucent, S12.
Mechanical	
Dimension (W*D*H) (mm)	DAG1000(1FXS):98*67*24.5, DAG1000(2FXS):160*113*31 DAG1000(4FXS):194*133*37, DAG1000(8FXS):242*152*40
Net weight	DAG1000(1FXS):0.14kg, DAG1000(2FXS):0.25kg, DAG1000(4FXS):0.69kg, DAG1000(8FXS):1kg
Powering	
Power input	DAG1000(1FXS):12VDC,1A, DAG1000(2FXS):12VDC,1A DAG1000(4FXS): 12VDC,1A, DAG1000(8FXS): 12VDC,2A
Grounding	GND < 1Ω
Max power consumption	DAG1000(1FXS):8W, DAG1000(2FXS):10W, DAG1000(4FXS/4FXO):112W DAG1000(8FXS):20W
Environment-EMC	
Operational	32 ~ 104F / 0 ~ 40 °C
Storage	-4 ~ 176F / -20 ~ 80 °C
Humidity	10%~90%, no condensation
Fixed use of the environment	EN 300 019: Class 3.1
Storage environment	EN 300 019: Class 1.2
Transport Environment	EN 300 019: Class 2.3
Noise	EN 300 753: Work in data center
EMC	FCC Part 15 Class B; CE EMC directive 2004/108/EC: EN55022 : 2006+A1 : 2007 , EN61000-3-2 : 2006 EN61000-3-3 : 1995+A1 : 2001+A2 : 2005 , EN55024 : 1998+A1 : 2001+A2 : 2003
Safety	CE LVD EN60950-1 : 2006

Certifications	FCC and CE
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