G100S

Connect your analog devices to your IP phone system. The Fanvil G100S gateway supports up to two SIP servers in SIP 2.0, correlative RFCs, T.38.

The Fanvil A series are VoIP analog telephone adaptors (ATA) used for connecting analog devices such as phones and fax machines to an IP phone system.

About Fanvil Technology Co., Ltd

Fanvil Technology Co., Ltd. is a professional developer and manufacturer of VoIP products. Fanvil provides VoIP communication devices solutions for small and medium sized businesses, as well as large mission-critical enterprise environments.

Over the 11 years since its establishment, Fanvil Technology has built a strong engineering team and solid partnerships with IP communication chipset providers, such as Freescale, DSPG. Fanvil Technology is also an exclusive partner of Broadcom.

Product Specification

Phone features
- Linux OS
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 2 SIP servers, and Group servers
- Supports SIP UDP/TCP
- SIP support SIP domain, SIPauthentication (none, basic, MD5),DNS name of server, Peer to Peer/ IP Call

Key Features
- system led to indicate power/phone/register status
- Supports T.38 FAX
- Supports BY-PASS FAX

Audio Features
- Codec: G.711A/u, G.729AB, G.726-32
- DTMF: In-band, RFC 2833 and SIP INFO
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Background noise suppression
- Adaptive jitter buffers
- Packet loss concealment
- Different country tones

Advanced Features
- Call forwarding (busy/ no answer/ always)
- Call transfer (unattended/ attended)
- Call holding
- Call waiting
- 3 way call conference
- MWI
- Flexible dial plan
- Barring function for outgoing calls
- Caller ID(FSK/DTMF)
- Indication when N/A line available
- Dial via VoIP or PSTN as default selection
- Dial via PSTN when VoIP unavailable
- CLIR(rejects anonymous calls)
- CLIP(to make an anonymous call)
- Dial without registration
- Hotline/Warm-line
- Black List/ White List

Network/ Security Features
- WAN / LAN：10/100M Ethernet ports,
- Bridge mode and route
- PPPoE for xDSL
- VLAN（802.1Q/P）
- NAT (NAPT)
- NAT transverse :Support STUN client
- DHCP client on WAN/ DHCP server on LAN
- Main DNS and secondary DNS server
- DNS Relay
- NTP Client
- Firewall
- Web management access restricted
- VPN(L2TP/PTP)
- ping, tracert, telnet

Maintenance & Management
- WEB management
- Management with different account right
- Recover firmware and factory reset through Uboot
- Upgrade firmware　via HTTP,HTTPS, FTP, TFTP
- DHCP option66 and custom option for auto provisioning
- Auto Provisioning to upgrade configuration file
- Syslog

Physical features
- Adapter Input: AC 100-240V
- Adapter Output: DC 12V/0.5A
- WAN Port -10/100 BASE-T RJ-45 for LAN
- LAN Port-10/100 BASE-T RJ-45 for PC
- FXS:1 RJ11
- Power consumption: IDLE: 2.5W Active: 2.8W
- Operation Temperature: 0～40℃
- Relative Humidity: 10～65％
- SDRAM: 64MB
- FLASH: 16MB

Certification