Fanvil Product Specification
IP-Gateway
Model: A1

Voice Feature

- Support SIP 2.0 and correlative RFCs
- Support IAX2 (optional)
- SIP supports 2 SIP servers, public and private server. Can connect to public SIP server and private SIP server at the same time
- Codec: G.711A/u, G.729,G.729a/b, G.726-32k
- Echo cancellation: G.168 Compliance in LEC
- Support Voice Gain Setting, VAD, CNG
- NAT transverse: support STUN client
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/IP call
- Support choose line automatically, using private server to dial automatically when public server disconnected
- DTMF Relay：support inband, SIP info, RFC2833
- SIP application: support call forward/ transfer/ holding/ waiting/ conference
- Call control features: flexible dial map, hotline, empty calling No. reject service, black list for reject authenticated call, limit call, no disturb, caller ID
- Support voice record on SIP server
- Answer or make PSTN call when power is up
- Lifeline support : switch to PSTN call automatically when internet failed or power is off
- Support T.38

Network Features

- WAN/LAN: support bridge and router model
- Support PPPoE for xDSL and auto reconnect after disconnected by server
- Support basic NAT and NAPT; Support UPnP
- Support DHCP client on WAN and DHCP server on LAN
- Support IGMP Proxy/IGMP Snooping
- Support ping test with keypad-command
- Support main DNS and secondary DNS server
- Support DNS Relay/ PPPoE Relay
- Support NTP Client
- Support Firewall/ Stateful Packet Inspection(SPI)
- Support Webs URL Filter/Content Filter
- Support MAC/IP/Port Filter
- Support VPN (L2TP/PPTP)
- Support VLAN(802.1Q/P) and VLAN Switch mode
- QoS with DiffServ(Optional)
- Support Virtual Server

Maintenance and Management

- Web management
- Management with different account right
- Upgrade firmware through POST mode
- Upgrade firmware through HTTP, FTP or TFTP
- Auto Provisioning
- Safe mode provide reliability
- Support Auto Provisioning(upgrade firmware and configuration file)
- Support Syslog

Hardware Specification

Item		A1 IP Gateway
Power Adapter		Input：100-240V Output：12V/1A
Port	LAN	10/100Base-T RJ-45 for LAN
	PC	10/100Base-T RJ-45 for PC
	Phone	1 RJ11 for Phone (FXS)
	Lifeline	1 RJ11 for Lifeline
Operation Temperature		0 ~ 80℃
Relative Humidity		10 ~ 65%
CPU		Ralink MIPS 24KEC(320MHz)
SDRAM		256Mbits
Flash		32Mbits
Dimension (L x W x H)		120x77x24mm
Weight		0.41kg