



## Model:F52

### 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

- vxworks OS
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 2 SIP servers, and backup SIP proxy servers.
- Supports SIP UDP/TCP/TLS
- Support IAX2, iax2 line call
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP Call

### Display

- Display Resolution: 128x48

### Feature Keys

- Large dot matrix LCD display and softkeys make user easier to use
- Soft keys programmable; function keys programmable

### Audio Features

- HD voice: HD codec
- Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722, G.726
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full duplex hands-free speakerphone
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Echo cancellation: Support G.168, and Hands-free can support 96ms, Hand free Speaker Phone

### Advanced Features

- Call forwarding
- Call transfer (blind/attended/alert)
- Call holding
- Call waiting
- Call conference
- Capable of 10 way conversation
- Call completion
- Support multi line and predial
- Support messaging and MWI
- Flexible dial plan
- Barring function for outgoing calls
- Do not disturb
- Auto answer (handfree/ headset)
- Caller ID display
- CLIR (rejects anonymous calls)
- CLIP (to make an anonymous call)
- Dial without registration
- Supports call logs with missed calls/incoming calls/ outgoing calls Each support 500 records.
- Support Phonebook 1000 records
- Support SMS and Speed Dial
- Hotline/Warm-line
- Call rejection
- Black List
- Intercom/Intercom barge
- Password dial
- Direct IP call without SIP proxy
- Support action URL/active URI
- Voice codec setting for each SIP line
- Hands-free ringing choice

- Support XML phonebook/browser
- Support click to dial via web phone Book

### Network/ Security Features

- WAN/LAN: 10/100M Ethernet ports,
- supports Route and Bridge mode.
- Support bridge working as hub
- Support PPPoE for xDSL and
- PoE (optional)
- Support VLAN (voice vlan/data vlan)
- Support 802.1x
- Support basic NAT and NAT
- NAT transverse: support STUN client
- Support DHCP client on WAN
- Support DHCP server on LAN
- Support main DNS and secondary DNS server.
- Support DNS Relay, SNTP Client,
- Firewall, openVPN
- Support VPN (L2TP) and DMZ
- Network tools in telnet server: including ping, trace route, telnet client

### Maintenance & Management

- Web, telnet and keypad management
- Management with different account right
- Upgrade firmware through POST mode and HTTP, FTP or TFTP
- Support dhcp option66 and custom option auto provisioning
- Telnet remote management/upload/download setting file
- Safe mode provide reliability
- Support Auto Provisioning to upgrade firmware or configuration file with HTTPS
- Support TR-069 and Syslog

### Physical Features

- Adapter Input: 100-240V
- Adapter Output: 5V/1A
- WAN Port - 10/100/1000 Base-T RJ-45 for LAN
- LAN Port - 10/100/1000 Base-T RJ-45 for PC
- Power Consumption - Idle: 2.5W/Active: 2.8W
- Display Resolution : 128x48 pixels
- Operation Temperature 0~40°C
- Relative Humidity 10~65%
- Main Chipset - Broadcom
- SDRAM - 16M
- Flash - 4M
- Weight - Phone: 0.84kg
- Dimension: 250x205x60mm

### Certification

