



Model:D900

The Fanvil D900 is a pioneer for the next generation of smart video phones. Running on the Android OS 4.2 platform and built with the latest Freescale video chipset, the D900 video IP phone truly offers an intelligent OS, superior video quality and rich applications at an affordable price.

The D900 is user friendly and stylishly designed with its large 7" LCD touch screen that supports 800x480 pixels and comes with a 5MP camera. It is also built to support up to 4 SIP 2.0 servers and backup SIP proxy servers.

The D Series video phones are built for Enterprise Businesses and it offers flexible functionality, HD Voice for crystal clear sound and is highly configurable for easy customization.

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

- Android 4.2 OS
- Supports high quality video call
- Supports capacitive touch screen (multi-touch)
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 4 SIP servers, and backup SIP proxy servers.
- Supports SIP UDP/TCP/TLS
- Supports HDMI
- Supports 3.5mm headset
- Supports USB Host
- Echo cancellation: Acoustic echo cancellation (AEC) can reach 128ms max filter length in duplex speaker phone mode
- Supports PLC & adaptive jitter buffer
- Supports HD speaker phone

Display

- 7" TFT 800x480

Feature Keys

- Capacitive touch screen
- Support multi-touch (max - 5 touch points)

Audio Features

- HD voice: HD codec, HD speaker
- Wideband codec: G.722
- Narrowband codec: G.711(A/μ), G.723.1, G.729AB, iLBC, AMR
- DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO
- Full-duplex hands-free speaker phone with AEC (Max filter length - 128ms)
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Adaptive jitter buffer
- Packet loss concealment (PLC)
- Audio format: WAV,MP3,OGG

Video Features

- Video codec: H.264 and H.263
- Image codec: JPEG, PNG, BMP, GIF
- Video format: MP4,3GP AND FLV
- Video call resolution: QCIF/ CIF/ VGA/ 4CIF (720P coming soon)
- Bandwidth selection: 64kbps~4Mbps
- Frame rate selection: 10~30fps
- Picture-in-Picture (PIP)
- Video from remote site can be displayed in full screen
- Supports up to 6 video display mode

Call Features

- Call forwarding
- Call transfer (blind/attended/alert)
- Call holding
- Call waiting
- Call conference
- BLF List
- Capable of 10 way conversation
- Join call
- Pickup
- Call completion
- Hot desk function
- Soft DSS key(max 96)
- Auto Redial / unredial
- Support multi line and predial
- Support messaging and MWI
- Voice recording during talking /local
- Flexible dial plan
- Hotline/Warm-line
- Call rejection
- Black List

- 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
- Intercom/Intercom barge
- Password dial
- Headset ring
- Direct IP call without SIP proxy

Network/ Security Features

- WAN/LAN: support bridge mode
- Supports PoE (802.3af)
- Supports main DNS and secondary DNS server
- Supports VLAN
- Support SNTP Client
- Support VPN L2TP, PPTP, IPsec
- Support SIP SRTP,
- Support web HTTP, HTTPS
- Support QoS:802.1p/q, DSCP
- Support MD5 authentication
- Support Web Filter
- DHCP/ static/ PPPoE
- STUN

Maintenance & Management

- Android 4.2
- Supports third party android applications
- Supports desktop Google search
- Supports desktop widgets
- Supports Web, Telnet
- Web Management with different account right
- Supports automatic upgrades/ configuration deployment
- Supports encrypted configuration files download with AE
- Support pushing message
- Supports Auto-Provisioning (DHCP option/ PnP/ Phone flash)
- Supports TR-069
- Supports Web upgrade
- Supports U Disk/SD upgrade
- Supports backup/restore/factory reset data

Physical Features

- Adapter Input:100-240V
- Adapter Output:12V/1A
- WAN Port -10/100/1000 Base-T RJ-45 for LAN
- LAN Port- 10/100/1000 Base-T RJ-45 for PC
- Headset Port- 3.5mm
- HDMI Port- A type
- SD card- Optional
- USB Port- USB 2.0
- Power Consumption- Idle: 2.5W/Active: 5W
- LCD Size Diagonal:7 inch (800 x 480) Capacitive touch screen
- Camera- 5 mega pixel
- Operation Temperature 0~40℃
- Relative Humidity 10~65%
- CPU ARM Cortex -A9 (Freescale i.MX6)
- CPU Frequency-1.0 GHz Quad/Dual
- SDRAM - 1GB
- Flash- 4GB
- SD card- Optional
- Weight- Phone:1.2Kg/Total:1.8Kg

Certification

