C600 Specification

FANVIL C600 Enterprise Smart Video IP Phone

A New Enterprise Phone with Intelligent One-touch DSS Features

The C600 provides the complete desk phone solutions with flexible functionality, HD Voice Quality, and highly easy operation. It is absolutely an excellent Smart Video Phone for small to large sized business, as well as mission-critical Enterprise Business.

Highlights

√ Full Programmable DSS Key and Soft Function Key
√ DSS Can Support Upto 100 Stations
√ On Line Recording & Message Forwarding
√ Call Conference Enhancement
√ Flexible Dial Plan with Auto Provision
√ Support LDAP & XML Phone Book

Display

- 7" TFT 800x480 Capacitive Multi Touch Screen

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 (Upto 100)
- Auto Redial / un-redial
- Support multi line and pre-dial
- 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 (Hands- free / Headset)
- Caller ID display
- CLIR (rejects anonymous calls)
- CLIP (to make an anonymous call)
- Dial without registration
- Supports Call Logs with Missed / Incoming / Outgoing calls
- Intercom/Intercom barge
- Password dial
- Headset ring
- Direct IP call without SIP proxy

Phone features

- Android 4.2 OS
- Supports high quality video call
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- Supports 6 SIP servers and Backup SIP proxy servers.
- Supports SIP UDP/TCP/TLS
- Supports HDMI
- Supports USB Host
- Supports Acoustic echo cancellation (AEC) - 128ms max filter length in duplex speaker phone mode
- Supports PLC & adaptive jitter buffer

Audio Features

- 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

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Video Features

- Video codec: H.264 / H.263
- Image codec: JPEG/PNG/BMP/GIF
- Video format: MP4/3GP/FLV
- Video call resolution: QCIF / CIF / VGA / 4CIF (1280x720P Optional)
- 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 4 video display mode

Network/ Security Features

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

Maintenance & Management

- Android 4.2
- Supports third party communication APP
- Supports Web, Telnet
- Web Management with different account right
- Supports automatic upgrades/ configuration deployment
- Supports encrypted configuration files download with AES
- Supports 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
- HDMI Port - Type A
- SD Interface - TF Card Support Upto 32G
- USB Port- USB 2.0
- Power Consumption- Idle: 2.5W/Active: 5W
- LCD Size Diagonal:7 inch (800 x 480) Capacitive touch screen
- Camera- Adjustable Position
- Operation Temperature: 0~40℃
- Relative Humidity: 10～65%
- CPU Freescale Core Quad 1 Ghz
- SDRAM - 1GB DDR3 1066
- Flash- 4GB
- Weight- Phone:1.2Kg/Total:1.8Kg

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. Customers should consult Fanvil's retailers, distributors, or Fanvil directly, if customers have concerns on any feature.

For more information, please visit: www.fanvil.com