

### C66



The Fanvil C66 is built with the Broadcom Gigabit IP Phone chip. With its intuitive user interface and enhanced functionality, the Fanvil C66 is perfect for small or medium businesses as it makes it easy to connect and communicate to maximize productivity. The Fanvil C66 supports up to 6 SIP lines and delivers crystal clear HD Voice.

The Fanvil C Series IP Phones are a Business Grade IP handset with a huge range of features and flexibility. The C Series was designed and built for Enterprise Businesses with its modern design and ergonomic feel.

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
- Support SIP2.0 (RFC3261) and correlative RFCs
- SIP supports 6 SIP servers, and backup SIP proxy servers
- Support SIP UDP / TCP/ TLS
- SIP support SIP domain, SIP authentication (none, basic, MD5) , DNS name of server, Peer to Peer / IP Call

#### Display

- Display Resolution: 128x64
- Support backlight

#### Key Features

- Large dot matrix LCD display and soft keys make user easier to use
- Soft keys programmable
- Line keys programmable (each key have led indication)
- Function keys programmable (each key have dual-color led indication)
- Expansion board (up to connect 5 expansion boards, each board have 30 function keys, each key have 2-color led indication)
- Supports RJ-9 headset
- Multi languages displayed
- Gigabit Ethernet

#### Audio Features

- HD voice: HD handset
- Codec: G.711A/u, G.7231 high/low, G.729AB, G.722, G.726-32, AMR, AMR-WB, iLBC
- DTMF: In-band, RFC 2833 and SIP INFO
- Full duplex hands- free speaker phone with acoustic echo cancellation
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Background noise suppression
- Adaptive jitter buffers
- Packet loss concealment
- SRTP
- different country tones and Tone customized
- mute

#### Advanced Features

- Call forwarding (busy/ no answer/ always)
- Call transfer ( unattended/ attended/ semi-attended )
- Call holding
- Call waiting
- 3 way call conference
- Capable of 10 way conversation
- BLF list
- Join call
- Call pickup / Call Park
- Last Number Redial / Auto Redial
- Call back / Call completion
- Hot desking
- Predial
- SIP messaging , MWI
- Flexible dial plan
- Barring function for outgoing calls
- Do not disturb
- Auto answer
- Caller ID display
- CLIR(rejects anonymous calls)
- CLIP(to make an anonymous call)

- Dial without registration
- Call logs with missed calls/ incoming calls/ outgoing calls. Each support 300 records
- Phonebook 1000 records
- Speed Dial (abbreviated dialling)
- Hotline/Warm-line
- Call rejection
- Black List/ White List
- Intercom/Intercom barge
- Password dial, DTMF hidden
- Action URL/ active URI
- Voice codec setting for each SIP line
- Multicast
- LDAP, XML phonebook
- Web dial
- Keypad lock, Emergency call

#### Network/ Security Features

- WAN / LAN: 10/100/1000M Ethernet ports,
- Bridge mode
- PPPoE for xDSL
- 802.3af PoE
- VLAN (Voice VLAN/Data VLAN)
- 802.1X
- NAT transverse :Support STUN client
- DHCP client on WAN
- Main DNS and secondary DNS server
- SNTP Client
- Firewall
- Web management access restricted
- VPN(L2TP/Open VPN)
- ping, traceroute, tftp client

#### Maintenance & Management

- WEB ,telnet and LCD menu management
- Management with different account right
- Recover firmware and factory reset through POST mode
- Upgrade firmware via HTTP, HTTPS, FTP, TFTP
- DHCP option66 and custom option for auto provisioning
- Auto Provisioning to upgrade configuration file with AES(256) encryption
- TR-069 and Syslog

#### Physical features

- Adapter Input: AC 100-240V
- Adapter Output: DC 5V/1A
- WAN Port -10/100/1000 BASE-T RJ-45 for LAN
- LAN Port-10/100/1000 BASE-T RJ-45 for PC
- Headset: RJ9
- Expansion: RJ45
- Power consumption: IDLE: 2.5W Active: 2.8W
- Display Resolution: 128x64 pixels
- Operation Temperature: 0~40°C
- Relative Humidity: 10~65%
- Main Chipset : Broadcom
- SDRAM: 64MB
- FLASH: 128MB
- Package Weight: 1.2kg
- Package Dimension: 290x260x60mm

#### Certification

