V66 Prime Business Phone

V66 is a color-screen prime business phone integrating audio and video, designed for advanced business users who focus on efficient communication. With an original aesthetic design style, V66 features a 7-inch high-definition adjustable color touch screen, ultra-high-definition gorgeous sound quality. It is built-in Bluetooth 5.4 and 2.4G/5G dual-band Wi-Fi and supports Wi-Fi 6, providing users with excellent interaction and a comfortable real-time interconnected communication experience.



7-inch color Screen | 20 SIP Lines | 1000 Mbps | HD Voice | Opus | PoE enabled | 6-way Audio Conference | IPv4/IPV6/ IPv4&IPv6

Adjustable screen | Built-in Wi-Fi 6 | Built-in BT5.4 | USB Port | HAC | DSS Keys | EHS headset

Highlights

- ☑ Antibacterial material of the handset and keypad surface effectively inhibits more than 99.5% of bacteria growth.
- ☑ 7” adjustable color touch screen (0° to 40 °) for different lighting environments.
- ☑ Support H.264 1080p video decoding, allowing users to monitor the status of the other party in real-time during the call.
- ☑ Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- ☑ Support 6-way Audio Conference.
- ☑ Built-in 2.4GHz/5GHz dual-band Wi-Fi and supports Wi-Fi 6 and Bluetooth 5.4, realizing more flexible connectivity
- ☑ Two installation methods of desktop stand and wall mountable
- ☑ Up to 116(29*4) DSS keys, every DSS key can be set as Line/BLF/ Speed Dial Key).
- ☑ Support a maximum of 4 EM60 Expansion Module.

Generic

- 20 SIP lines
- HD voice
- Support receiving Video call
- Dual Gigabit ports，PoE enabled
- 7-inch (1024x600) color screen
- Handset / hands-free / headset mode
- Intelligent DSS keys(Virtual buttons)
- Desktop stand / wall-mounted (optional)
- Optional external power supply
- Hall-effect sensor switch handset

Phone Functions

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP)
- Call logs (In/Out/Missed,1000 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth BLE 5.4: Support Bluetooth headset/ Pairing mobile devices
- Built-in dual band Wi-Fi and supports Wi-Fi 6
  - 2.4GHz, 802.11 b/g/n/ax
  - 5GHz, 802.11 a/n/ac/ax
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- XML Browser
- Customize Background
- Customize Boot Logo
- uaCSTA
- Customize Incoming Call Ringtone
- time Plan (timed reboot/timed forward/timed upgrade/timed config)
- Hidden DTMF
- Ring From Headset
- Customize DSS icon
- Customize DSS LED lights
- Customize BLF
- Customize UI Display

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)/Ban Anonymous call
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Predial
- Call Back
- Do-Not-Disturb(DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message
- 6-way Audio Conference
- Hot Line
- Hot Desking
- Direct IP call without SIP proxy
- Fuzzy Search Call
- Action Plan
- Dial Plan
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726,G.729,G.729A,G.729B,G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Video

- Video decoding: H.264
- Video call resolution: QVGA/CIF/VGA/4CIF/720p/1080p

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- Https Mutual Authentication
- Wi-Fi Security Mode：WPA/WPA2-PSK/802.1X EAP

Protocols

- SIP v1 (RFC2543) v2(RFC3261)
- UDP/TCP/TLS
- RTP/RTCP/SRTP（Optional/Compulsory）
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- 802.1p/Q
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Screenshot
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- Network Firewall
- Online Upgrade

Physical Specifications

- LCD: 7-inch (1024x600) color touch screen,IPS
- Keypad: 27 keys, including
  - 5 Function keys (Contact, MWI, Mute, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Up/Down
  - 1 Hands-free key
- HD Handset (RJ9) x1
- Standard RJ9 Handset Cord x1
- 1.5M CAT5.E Ethernet Cable x1
- Desk Stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, Connect with Flash Driver&USB headset
- Security lock port x1
- Power: DC12V / 1.5A or PoE
  - POE complies with the IEEE 802.3af standard
  - Power adapter: Input:100-240VAC~50/60Hz Output:12V/1.5A
- Power Consumption (Adapter):1.9W-7.9W
- Power Consumption (PoE): 3.2~10.1W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (Optional)
- Color: Dark Grey
- Qty/CTN: 10PCS
- N.W/CTN: 15.4kg
- G.W/CTN: 16.5kg
- Device Dimensions:245.4x252.5x63mm
- Gift Box Dimensions: 357x258x71 mm
- Outer CTN Dimensions: 534x380x377 mm (10 PCS)