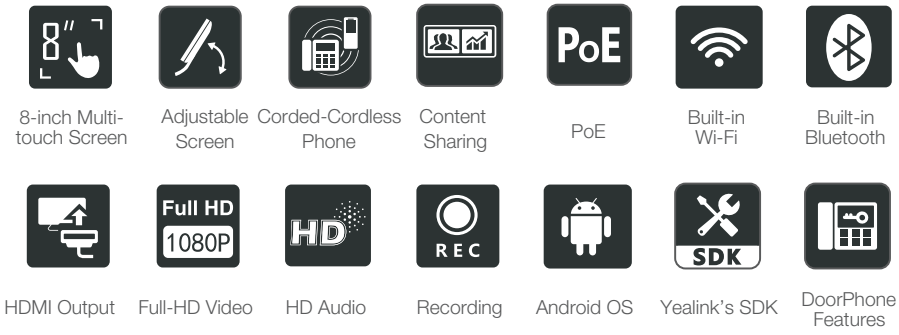
Yealink GigTel

VP59

Flagship Smart Video Phone

The Yealink flagship smart video phone VP59 is designed for executives and teleworkers that strikes the perfect balance between simplici ty and sophistication, enabling high quality communications for business executives and professionals alike. Based on Android 7.1 operating system, the VP59 features an eight-inch LCD touch screen that gives you a smartphone-like user experience, and it also supports the installation of third-party applications for business customization as well as the DoorPhone features. When working with Yealink DD10K DECT USB Dongle, VP59 will turn into a corded-cordless phone and repay you up to 4 DECT handsets in total to meet your daily demands. Furthermore, the VP59 smart video phone boasts the 802.11 a/b/g/n/ac Wi-Fi connectivity as well as the Bluetooth 4.2 connectivity. This combination of advanced technology facilitates faster data transmissions and High Definition Multimedia Interface (HDMI) output for high quality media exchanges.



Key Features and Benefits

HD Audio and Video

The VP59 is coupled with the latest version of Yealink Optimal HD Voice technologies, including Yealink Noise Proof and Acoustic Shield technologies, that effectively eliminate background distractions and noises, deliver crystal clear voice even in a noisy environment. Meanwhile, complying with the latest Hearing Aid Compatibility (HAC) Regulations, its HAC handset helps the person who is with hearing loss to hear the voice more clearly. The solution also boasts a dynamic, removable 1080P HD camera for extraordinary, real-time face-to-face interactions.

Easy Collaboration

The VP59 not only furnishes you with the built-in Bluetooth 4.2 and the built-in dual band Wi-Fi, but also the HDMI output and the ability to function with Yealink VC Desktop together to share content from your laptop. Also if you want to expand your horizons for busy environments, or, share one phone system with your small team by adding multiple handsets, just simply turn your VP59 to the corded-cordless phone via DECT technology. Moreover, administrators can easily install additional 3rd –party Android applications, like Skype, SFB, to improve collaboration and productivity. And it offers local HD call recording and screenshot capabilities on their USB flash drive as well.

High Security and Interoperability

The Yealink VP59 addresses the need for heightened digital security by using SIP over Transport Layer Security (TLS/SSL), significantly enhancing data protection. The device is not only secure, but also flexible; VP59 supports broad interoperability with leading video conferencing systems and IP-PBX/UC systems on the market, as well as with several leading softswitch providers.

Efficient Installation and Provisioning

The Yealink VP59 supports efficient provisioning and effortless mass deployment with Yealink's Redirection and Provisioning Service (RPS) and Boot mechanism to help you realize the Zero Touch Provisioning without any complex manual settings.

- 8 inch (1280 x 800) capacitive adjustable touch screen
- 1080p@30 full HD video
- Runs Android 7.1
- Built-in Bluetooth 4.2
- Built-in dual band 2.4G/5G Wi-Fi (802.11a/b/g/n/ac)
- USB 2.0 port for USB headset, media and storage applications
- Dual firmware image
- Standard HDMI output for monitor connection
- Up to 16 VoIP accounts
- Up to 3-party video conferencing
- Up to 10-party video/audio mixed conferencing (up to 2 video calls)
- PoE support

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Specifications

Audio Features
- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Acoustic Shield
- Noise Proof
- Smart Noise Filtering
- Audio codec: Opus, G.722, G.722.1, G.722.1C, PCMA, PCMU, G.729, G.729A, G.726, G.723.1, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC

Video Features
- 1080p@30fps HD video call
- Video codec: H.264 High Profile, H.264, H.263, VP8
- 2 mega-pixel camera with privacy shutter
- Horizontal field of view: 84°
- Vertical field of view: 54°
- Adjustable camera
- Plug and Play

Display and Indicator
- 8" 1280 x 800 capacitive touch screen IPS LCD
- 10 points multi-touch surface
- Screensaver and wallpaper
- LED for call and message waiting indication
- Intuitive user interface with icons and soft keys
- Multilingual user interface
- Caller ID with name, number and photo

Android bundled Applications
- FileManager/Email/Calendar/Camera/Gallery/Recorder/Calculator/Browser/Message
- Third party Android application support

Phone Features
- 16 VoIP accounts
- Call hold,
- Mute, DND, redial
- Call return
- Auto answer
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, emergency call
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan, XML Browser, action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Door phone integration
- Built-in dual band Wi-Fi:
  - Network standard: IEEE802.11a/b/g/n/ac
  - Transmission rate: Up to 433Mbps (dynamic)
  - Frequency range: 2.4GHz/5.0GHz
- Built-in Bluetooth 4.2 for:
  - Bluetooth headset
  - Mobile contacts synchronization
  - Bluetooth call
  - Simultaneous connection of one headset and one mobile phone
- USB/Bluetooth connectivity to Yealink CP900/CP700 speakerphone, USB connectivity to Yealink UH36 headset:
  - Basic functions: Answer / end, call mute
  - Enhanced function: audio optimization, redial, call hold, volume synchronization, multiple calls control
- Content Sharing (via Yealink VCD)
- Three-way video conferencing
- Ten-way audio/video mixed conferencing (up to 2 video calls)
- Analog PSTN calls via CPN10
- Wireless Access Point (AP mode)
- Standard HDMI output for monitor connection
- USB ports (2.0 compliant) for media and storage applications
- USB ports (3.0 compliant) for extending camera with USB3.0 cable
- Notification Center and Control Center
- Onscreen keyboard

Corded-Cordless Phone (via DECT Dongle DD10K)
- Up to 4 DECT cordless handsets
- Up to 4 concurrent calls
- Support Yealink W52H/W53H/W56H/DD Phone/CP930W
- Slave Handset for Master Deskset

IP-PBX Features
- Busy Lamp Field (BLF), Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Remote office
- Hot desking, intercom, paging, call completion
- Message Waiting Indicator (MWI)
- Voice mail, call park, call pickup, music on hold, call recording

Directory
- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Google contacts
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

Feature keys
- 27 one-touch DSS keys
- 8 feature keys: hold, transfer, message, headset, mute, redial, video, speakerphone
- Volume control keys
- Illuminated mute/headset/hands-free speakerphone key

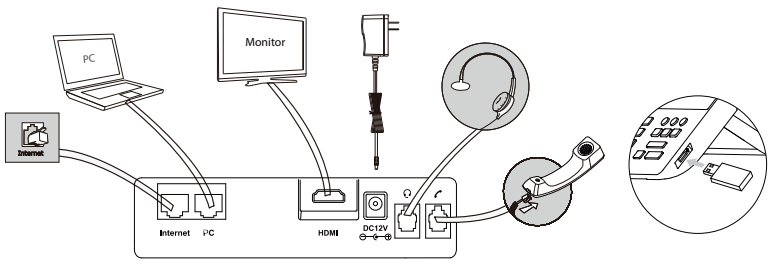
Interface
- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1 x USB port (2.0 compliant)
- 1 x USB port (3.0 compliant) for camera/USB3.0 cable
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x HDMI output port
- 1 x Security lock port

Management
- Configuration: browser/phone/auto provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto provision with PnP, Zero-sp-touch, TR-069
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log
- Only the administrator can install/uninstall apps via autop
- Setup Assistant wizard

Network and Security
- IPv4/IPv6
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- SRTP
- Transport Layer Security (TLS1.2)
- HTTPS certificate manager
- AES encryption for configuration file
- Adb encryption authenticated
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X

Other Physical Features
- Color: Classic Grey
- External Yealink AC adapter (optional): AC 100~240V input and DC 12V/1A output
- USB output currency: 5V⎓ 500mA
- Power consumption (PSU): 6.24W-9W
- Power consumption (PoE): 7W-10.2W
- Dimension (W*D*H*T): 273mm*226mm*285mm*42 mm
- Operating humidity: 10~95%
- Operating temperature: 0~40°C (+32~104°F)

Package Features
- Package content:
  - Yealink VP59 IP phone
  - Handset with handset cord
  - Ethernet Cable
  - Stand
  - Quick Start Guide
  - Power Adapter (Optional)
- Qty/CTN: 5 PCS
- N.W/CTN: 12.39 kg
- G.W/CTN: 13.43 kg
- Giftbox size: 336 mm*364 mm*112 mm
- Carton Meas: 587 mm*376 mm*350 mm

Compliance

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