



DASNY

ANDREW M. CUOMO
Governor

ALFONSO L. CARNEY, JR.
Chair

REUBEN R. MCDANIEL, III
President & CEO

SECTION A

ALBANY (HEADQUARTERS): 515 Broadway, Albany, NY 12207 | 518-257-3000

NEW YORK CITY: One Penn Plaza, 52nd Floor, New York, NY 10119 | 212-273-5000

BUFFALO: 539 Franklin Street, Buffalo, NY 14202 | 716-566-4400

ROCHESTER: 3495 Winton Place, Building C, Suite 1, Rochester, NY 14623 | 585-461-8400

DORMITORY AUTHORITY STATE OF NEW YORK

**WE FINANCE, DESIGN & BUILD
NEW YORK'S FUTURE.**

www.dasny.org



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<u>BID NO.:</u> 683	<u>PROJECT NAME & LOCATION:</u> CUNY – Queens College Telephone Upgrade 65-30 Kissena Blvd. Queens, NY 11367-1567
<u>Description:</u> Furnish and Deliver Yealink Devices	
<u>Bid Open Location:</u> DASNY 515 Broadway, Albany, NY 12207	
<u>Bid Open Date:</u> January 11, 2021	<u>Contact:</u> Stacie Craft
<u>Bid Open Time:</u> 2:30 p.m.	

NOTICE TO BIDDERS

MAIL BIDS EARLY

Sealed bids will be received by DASNY at the above address for the items listed in the attached Bid Breakdown and Schedule. When submitting your bid you must:

1. Prepare your bid on the attached Bid Breakdown and Schedule. Return one signed original of the Bid Breakdown and Schedule
2. If your bid deviates from Specifications, explain such deviations or qualifications on your letterhead, setting forth therein such explanations, and attach them to the Bid Breakdown and Schedule.
3. Submission of a bid constitutes full knowledge and acceptance of all provisions of the Notice to Bidders, all information referenced in the Purchasing General Conditions, Supplemental and Detailed Specifications, the Bid Submission and any Supplemental General Requirements contained herein, as well as any addenda issued in relation to the Invitation for Bids.
4. Each bid shall bear on the outside of the envelope the name of the bidder, address, telephone number and designated as a bid for the following:
DASNY Bid No. 683 - Queens College Telephone Upgrade
Bid Opening Date: January 11, 2021 @ 2:30PM
Return to:
DASNY
Attn: Purchasing Unit
515 Broadway
Albany, NY 12207-2964

683

When a sealed bid is placed inside another delivery jacket, the bid delivery jacket must be clearly marked on the outside “**BID ENCLOSED**” and “**ATTENTION: PURCHASING UNIT**”. The Dormitory Authority will not be responsible for receipt of bids which do not comply with these instructions.

5. Mail bid responses early in order for them to be received before the time of the bid opening. **Late bids will be automatically rejected.** Individuals submitting bids in person or by private delivery services should allow sufficient time for processing through building security to assure that the bids are received prior to the deadline for submitting bids. All individuals who plan to attend bid openings will be required to present government-issued picture identification to building security officials and obtain a visitor’s pass prior to attending the bid opening.

6. In accordance with State Finance Law § 139-j and 139-k, this solicitation includes and imposes certain restrictions on communications between Dormitory Authority personnel and an Offerer during this procurement process. Designated contact for this solicitation is:
Stacie Craft, Purchasing Coordinator , at Dormitory Authority – State of New York, 515 Broadway, Albany, NY 12207,(518) 257-3085. Contacts made to other Dormitory Authority Personnel regarding this procurement may disqualify the Offerer and affect future procurements with governmental entities in the State of New York. Please refer to the Authority’s website www.dasny.org for Authority policy and procedures regarding this law, or the NYS office of General Services website www.ogs.ny.gov/BU/PC/ for more information about this law.



Bid No.: 683

If you are not submitting a bid it is requested that you complete and return the lower portion of this form

(Please check all that apply and provide comments in the space provided, if necessary)

- We are not Submitting a bid. We Request removal of our name from the mailing list.
- Location of the job site. Commodity is not carried by our company.
- Scope is too large.

Other/Additional Explanation: _____

NAME OF BIDDER: _____

ADDRESS _____

:

Street
Telephone

City

State

Zip

Signature of Bidder

Official Title



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GENERAL SPECIFICATIONS

- (1) The enclosed Purchasing General Conditions are hereby incorporated by reference. Submission of a bid response shall constitute acceptance of such conditions. Any exceptions/clarifications/qualifications to these conditions or other specifications and/or requirements contained herein must be clearly stated in the bid response and, depending upon the nature of such, may be grounds for rejection of your bid.
- (2) Bids must be submitted in the bidder's full legal name, or the bidder's full legal name plus a registered assumed name, if any.
- (3) All NYS bidders are required to be registered to do business with the NYS Department of State or their local County Clerk, whichever is applicable.
- (4) All out-of-state bidders will be required to provide proof of registration to do business in their state. All out-of-state bidders that "do business in New York State" **MUST BE REGISTERED WITH THE NYS DEPARTMENT OF STATE**. Please contact the NYS Department of State at (518) 473-2492. Information is available at the DOS website: www.dos.ny.gov
- (5) DASNY is required by law to notify the Empire State Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.
- (6) Empire State Development is required by law to identify states and other jurisdictions that impose preferences or other penalties against New York bidders. DASNY is precluded from soliciting bids or entering into procurement contracts with companies that have their principal place of business located in one of the listed jurisdictions, unless the procurement is for a product that is substantially manufactured in New York State or the services are to be performed in New York State. Currently, this list of jurisdictions includes the states of Alaska, Hawaii, Louisiana, South Carolina, West Virginia and Wyoming.
- (7) Unless otherwise indicated, any reference to brands or model numbers is intended to establish a standard. Items of all manufacturers will be considered, provided the item is determined to meet or exceed the required specification. DASNY's decision as to whether a substitute item meets specification will be final. Your attention is directed to Article II-7, Page 5 of the General Conditions. In order to evaluate substitute items, detailed specifications must be submitted for any product that is other than the one(s) specified in the bid.



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GENERAL SPECIFICATIONS CONTINUED

- (8) Unless otherwise noted, guarantee on all items is to be one year as detailed in Article XVI of the General Conditions
- (9) All upholstered furniture and drapery panels and lining must meet strict flammability requirements. Standards applicable to this bid, if any, will be delineated in the Detailed Specifications.
- (10) LABOR/TRADES - Any labor, materials or means whose employment, or utilization during the course of this contract, shall not in any way cause or result in strike, work stoppages, delays, suspension of work; or similar troubles by workers employed by this contractor or his subcontractors, or by any of the trades working in or about the buildings and premises where work is being performed. Any violation by the contractor of this requirement may in the sole judgment of DASNY be considered as proper and sufficient cause for declaring the contractor to be in default, and for the owner to take action against him as set forth in the Purchasing General Conditions, Article VIII, "Termination", or such other action as DASNY may deem proper.
- (11) Bid results are available on the DASNY website (www.DASNY.org). Bid results will not be given over the phone.
- (12) If you are a NYS Certified Minority or Women Owned Business, please include a copy of your certification with the bid.



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SUPPLEMENTAL SPECIFICATIONS

The following items are attached for informational purposes. Referenced documents need not be returned with the proposal. These documents are only applicable to the successful bidder and the ensuing procurement contract. Documents are only applicable to the successful bidder and the ensuing procurement contract. Documents applicable to the procurement that will result from this Invitation for Bids are designated by a check box (☒). Unless otherwise indicated, the referenced documents are located at the end of this Invitation for Bids.

- Purchasing General Conditions** – The DASNY Purchasing General Conditions contains terms and conditions of purchases made by DASNY. It is recommended that this document be reviewed fully.
- M/WBE Utilization Plan and Request for Waiver** - Minority and Women-Owned Business Enterprise (M/WBE) goals for this project are 0% and 0%, respectively. The successful bidder shall be required to complete a Utilization Plan or Request for Waiver, to be approved by DASNY’s Opportunity Programs Group. Reference Purchasing General Conditions, Article XIX, Affirmative Action for Contracts Mr. Michael Clay, DASNY Opportunity Programs Group at (518) 257-3464, is available to assist all bidders in attaining these goals. *Reference the enclosed “Good Faith Efforts Guidelines”.*
- Supplemental General Requirements** – Attached (if applicable) are the Supplemental General Requirements (SGRs) which provide important logistical information and additional conditions which govern this procurement. Please read these SGRs carefully.
- Form of DASNY Contract** – The procurement resulting from the Invitation for Bids will be executed through a DASNY purchase order and a related contract. The contract executed with the successful bidder will be in the same substantial form as the attached “Form of Contract”. Note that this Invitation for Bids and any response to such will be annexed as binding terms of the purchase agreement.
- Certificate of Insurance** (*sample enclosed*) – The successful bidder will be required to provide a Certificate of Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. The certificate shall name DASNY and other designated parties as additional insureds.



SUPPLEMENTAL SPECIFICATIONS CONTINUED

- Worker’s Compensation / Disability Insurance** – The successful proposer will be required to provide specific documentation with respect to Worker’s Compensation and Disability Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. Requirements are detailed in the enclosed “Workers’ Compensation and Disability Benefits Requirements” document.

- Prevailing Wage Schedule** – NYS Labor Law requires all wages paid by contractors and subcontractors on public work projects be paid at the prevailing wage rates. Enclosed is the current rate schedule for the appropriate county. Contractors and Subcontractors are responsible for obtaining current rates throughout the course of the project. The NYS Department of Labor (NYS DOL) updates these rates on July 1st of each year. Current rates can be obtained on the NYS DOL website (www.labor.state.ny.us) or by fax at (518) 485-1870. Note that an executed Contractor and Subcontractor Certification and certified payrolls, which include the hours and days worked by each workman, laborer or mechanic, the occupation at which he worked, the hourly wage rate paid and the supplements paid or provided, must be submitted with each and every payment requisition. **DASNY will not process an invoice without this information.** Forms are available on the DASNY website: <http://www.dasny.org/construc/forms2/vendors.php>

- Labor and Material Payment Bond** – The successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of the DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.

- Performance Bond** – The Successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.

- Standard Vendor Responsibility Questionnaire (SVRQ)** – The successful proposer, in accordance with Article XXII of DASNY Purchasing General Conditions, will be required to complete the enclosed SVRQ. The award of a contract will be subject to a review of the information contained in these forms.



SUPPLEMENTAL SPECIFICATIONS CONTINUED

- NYS Uniform Contracting Questionnaire (UCQ)** – The successful proposer will be required to complete the enclosed UCQ. The award of a contract will be subject to a review of the information contained in these forms.

- DASNY Contractor and Consultant Questionnaire (CCQ)** – The successful proposer will be required to complete the enclosed CCQ. The award of a contract will be subject to a review of the information contained in these



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Supplemental General Requirements

RFI's

Requests for Information:

All questions pertaining to Bid No. 683 – CUNY Queens College Telephone Upgrade are due no later than 4:00 p.m. on December 22, 2020 to scraft@dasny.org. RFI Responses will be posted via Addenda to DASNY's Website in the Attachments Section of the Bid Opportunity Page for Bid No. 683.

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SCOPE OF WORK

Queens College Campus Wide Telephone Upgrade

Queens College is replacing their campus wide telephone system with a new Yealink phone system. The scope of work for DASNY Bid No. 683 is to furnish and deliver the Yealink devices to Queens College. The Set-up of the Yealink product will be completed by others and is not part of this Bid. All items included in the Detailed Specifications shall be bid as specified unless a newer Yealink model is available. If pricing is provided for an updated Yealink Model, the updated, the Bidder shall submit cut-sheets with detailed specifications.



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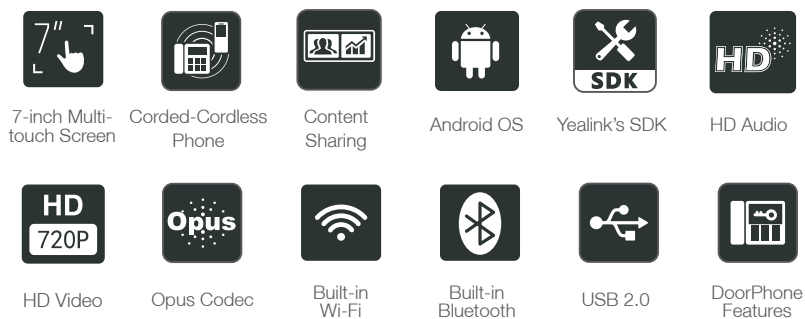
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Detailed Specifications

See Attached

Easy Audio and Visual Communication

The Yealink SIP-T58A is a simple-to-use smart business phone that provides an enriched HD audio and video calling experience for business professionals. This smart business phone enables productivity-enhancing visual communication with the ease of a standard phone. Based on Android 5.1.1 operating system, the SIP-T58A features a seven-inch adjustable multi-point touch screen, integrated 2.4G/5G Wi-Fi and Bluetooth 4.2, and it is coupled with a built-in web browser, calendar, recorder and more, which also supports the installation of third-party applications for business customization. More than that, you can easily turn your SIP-T58A smart business phone into a video phone ready with an optional removable two-megapixel HD camera CAM50. Thanks to the DECT technology, if you want to expand your horizons for busy environments, or, share one phone system with your small team by adding multiple handsets, simply turn Yealink SIP-T58A phone to the corded-cordless phone, and it will repay you up to 4 DECT handsets in total to meet your daily demands. The Yealink SIP-T58A Smart Business Phone strikes an exquisite balance between simplicity and sophistication, offering an all-in-one communications solution for today's busy executives, managers and teleworkers.



Key Features and Benefits

HD Audio and HD Video

The Yealink SIP-T58A includes the latest version of Yealink Optimal HD Voice technologies, including the Yealink Noise Proof Technology and now supports the Opus codec, which helps maximize the acoustic performance of the phone's handset, headset and especially the speakerphone. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly. The optional dynamic, removable two-megapixel HD camera CAM50 is specially designed for remarkable real-time face-to-face conversations, that you can connect into video conferences directly from your desk. Moreover, you can use the T58A with Yealink VC Desktop together to share content from your laptop.

A Better User Experience with Android Operating System

Based on Android 5.1.1, the Yealink SIP-T58A features a built-in browser, email, calendar and more. Administrators can easily install additional Android applications to improve collaboration and productivity. Meanwhile, the Open Yealink's SDK (Software Development Kit) allows the phone to deeply integrate with 3rd-party applications, providing richer phone features and giving a better user experience.

Richer Interface for Easy Customization

The Yealink SIP-T58A features Bluetooth 4.2 for pairing with headsets and mobile phones. It also includes dual-port Gigabit Ethernet with PoE as well as built-in 2.4G/5G Wi-Fi. The USB 2.0 port allows for media and storage via a USB flash drive and a direct wired/wireless USB headset connection. The SIP-T58A can also be paired with up to 3 Yealink color-screen expansion modules.

Efficient Provisioning and Management

The Yealink SIP-T58A supports Yealink's efficient Auto-Provisioning mechanism, including phone deployment and application installation. Administrators can take advantage of centralized deployment, management, updating and uninstallation to ensure application standardization.

- 7 inch (1024 x 600) capacitive adjustable touch screen
- 720p30 HD video (with CAM50)
- Runs Android 5.1.1
- Yealink Noise Proof Technology
- Yealink's SDK (Software Development Kit)
- DoorPhone Features
(Preview, One-button Open, Monitoring)
- Built-in Bluetooth 4.2 for headsets and pairing mobile devices
- Built-in 2.4G/5G Wi-Fi (802.11a/b/g/n/ac)
- USB 2.0 port for USB headset, media and storage applications
- Opus Codec support
- Up to 16 VoIP accounts
- Up to 10-party audio conferencing
- PoE support
- Wall mountable
- Color-screen Expansion Module support
- Only the firmware version 58.83.0.15 or later are supported

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, PCMA, PCMU, G.729AB, 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⁽¹⁾

- 720p@30fps HD video call
- Video codec: H.264 High Profile, H.264, VP8
- Video quality: 720P (1280x720)-30fps (≥ 512 kbps)
- Yealink CAM50 camera:
 - 2 mega-pixel
 - Adjustable, plug and play
 - With privacy shutter and LED indicator
 - Vertical tilt angle adjustable: 50°
- Field of view (FOV): 70.2°
- Self view (local video preview)

Display and Indicator

- LCD screen:
 - 7" 1024 x 600 capacitive adjustable touch screen
 - Vertical tilt angle adjustable: 48°
- 5 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

- Yealink's SDK (Software Development Kit)
- 16 VoIP accounts
- Call hold, call forward, call waiting, call transfer
- One-touch speed dial, hotline, mute, DND
- Group listening, emergency call
- Redial, call return, auto answer
- Direct IP call without SIP proxy
- Ring tone select/import/delete
- Set date time manually or automatically
- Dial plan, action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- 10-party audio conferencing
- Data import/export via Bluetooth, email, etc.
- DoorPhone features: Preview, One-button Open, Monitoring
- Content sharing (via Yealink VCD)
- 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

- Analog PSTN calls via CPN10
- Wireless Access Point (AP mode)

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
- Message Waiting Indicator (MWI)
- Voice mail
- Call park, call pickup, music on hold
- Call completion, 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
- 7 feature keys: hold, transfer, message, headset, mute, redial, speakerphone
- Volume control keys
- Illuminated mute/headset/hands-free speakerphone key

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 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 headsets
 - Pairing mobile devices
 - Simultaneous connection of one headset and one mobile phone
- 1 x USB 2.0 port (on the top of the phone) for:
 - Yealink CAM50 camera
- 1 x USB 2.0 port (on the rear of the phone) for:
 - USB flash drive
 - Wired/wireless USB headset
 - Color-screen expansion modules
 - Wireless Headset Adapter EHS40
- 1 x Security lock port
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- Supports up to 3 color-screen expansion modules

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 auto-provisioning
- 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 Gray
- Wall mountable (optional)
- External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
- USB output currency: 5V $\overline{\text{---}}$ 500mA
- Power consumption (PSU): 1.5W-4.5W
- Power consumption (PoE): 2.3W-6.0W
- Dimension (W*D*H*T): 259.4mm*220mm*215mm*42.6mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C (+14~122°F)

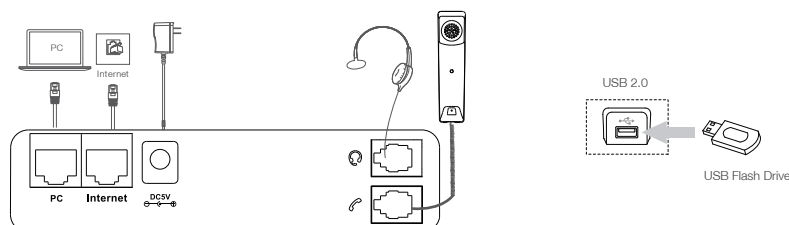
Package Features

- Package content:
 - Yealink SIP-T58A IP phone
 - Handset with handset cord
 - Ethernet Cable
 - Stand
 - Yealink CAM50 camera (Optional)
 - Quick Start Guide
 - Power Adapter (Optional)
- Qty/CTN: 5 PCS
- N.W/CTN: 9.3 kg
- G.W/CTN: 10.4 kg
- Giftbox size: 324 mm*293 mm*128 mm
- Carton Meas: 680 mm*303 mm*332 mm

Compliance



⁽¹⁾ If you want to realize all video features, you should buy a Yealink CAM50 camera separately.



About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

Copyright

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Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Web: www.yealink.com
Addr: No.1 Ling-Xia North Road, High Tech Park,
Huli District, Xiamen, Fujian, P.R. China
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A Reliable and Affordable SIP Phone for Business

The SIP-T42S IP phone is a dynamic business communications tool for superior voice communications and extended functionality. It has a faster, more responsive interface than the T42G and offers better overall performance. The SIP-T42S is a 12-line IP phone with multiple programmable keys for enhancing productivity. It is with Yealink Optima HD Voice Technology and wideband codec of Opus for superb sound quality and crystal clear communications. What's more, the SIP-T42S is built with Gigabit Ethernet technology for rapid call handling. Plus, with an all-new USB port, the SIP-T42S boasts unparalleled functionality and expansibility with Bluetooth, Wi-Fi and USB recording features. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.



Optima
HD Voice



Opus Codec



Unified
Firmware



USB 2.0



HAC



Gigabit



Paperless



Key Features and Benefits

HD Audio

Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. Being a totally open, highly versatile audio codec, Opus, is designed to perform a higher HD audio quality than other wideband codecs in a high network bandwidth; However, if your current network quality is poor, Opus can provide you with a better audio quality than other narrowband codecs. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly.

Easy Customization and High Expansibility

With an all-new USB port, the SIP-T42S is your ideally powerful and expandable office phone with Bluetooth, Wi-Fi and USB recording features. It has three pages of flexible buttons which can be programmed with up to 15 paperless DSS keys.

Efficient Installation and Provisioning

The Yealink T4S series 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, which makes the T4S series simple to deploy, easy to maintain and upgrade. Furthermore, a unified firmware and autop template that applies to all T4S phone models (T41S, T42S, T46S and T48S), saves even more time and costs for businesses, as well as simplifies the management and maintenance.

Secure Transport and Interoperability

The SIP-T42S uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology. It's also compatible with leading soft switch suppliers 3CX and Broadsoft Broadworks.

- 2.7" 192x64-pixel graphical LCD with backlight
- Opus* codec support
- USB 2.0
- T4S Auto-P template unified
- T4S firmware unified
- Up to 12 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Headset, EHS support
- Integrated stand with 2 adjustable angles
- Wall mountable

Audio Features

- > HD voice: HD handset, HD speaker
- > Hearing aid compatible (HAC) handset
- > Wideband codec: AMR-WB (optional), Opus*, G.722
- > Narrowband codec: AMR-NB (optional), Opus*, G.711(A/μ), G.723.1, G.729AB, G.726, 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

Phone Features

- > 12 VoIP accounts
- > One-touch speed dial, redial
- > Call forward, call waiting
- > Call transfer, call hold
- > Call return, group listening
- > Mute, auto answer, DND
- > 3-way conference call
- > Direct IP call without SIP proxy
- > Ring tone selection/import/delete
- > Hotline, emergency call
- > Set date time manually or automatically
- > Dial plan, XML Browser, Action URL/URI
- > RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- > USB port (2.0 compliant):
 - Bluetooth earphone through BT40,
 - Contact synchronization through BT40,
 - Wi-Fi through WF40,
 - USB call recording through USB flash drive
- > Enhanced DSS key

Directory

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

IP-PBX Features

- > Busy Lamp Field (BLF), Bridged Line Appearance (BLA)
- > Anonymous call, anonymous call rejection
- > Hot-desking, voice mail
- > Flexible seating
- > Call park, call pickup
- > Executive and Assistant
- > Centralized call recording
- > Visual voice mail
- > Call recording

Display and Indicator

- > 2.7" 192x64-pixel graphical LCD with backlight
- > LED for call and message waiting indication
- > Dual-color (red or green) illuminated LEDs for line status information
- > Intuitive user interface with icons and soft keys
- > Multilingual user interface
- > Caller ID with name and number
- > Power saving

Feature keys

- > 6 line keys with LED
- > 6 line keys can be programmed up to 15 paperless DSS keys (3-page view)
- > 5 features keys: message, headset, mute, redial, hands-free speakerphone
- > 4 context-sensitive "soft" keys
- > 6 navigation keys
- > 2 volume control keys
- > Illuminated mute key
- > Illuminated headset key
- > Illuminated hands-free speakerphone key

Interface

- > Dual-port Gigabit Ethernet
- > Power over Ethernet (IEEE 802.3af), Class 2
- > 1 x USB port (2.0 compliant)
- > 1 x RJ9 (4P4C) handset port
- > 1 x RJ9 (4P4C) headset port
- > 1 x RJ12 (6P6C) EHS port

Other Physical Features

- > Color: Classic Grey
- > Stand with 2 adjustable angles
- > Wall mountable
- > External Yealink AC adapter (optional): AC 100~240V input and DC 5V/1.2A output
- > Power consumption (PSU): 1.7-3.2W
- > Power consumption (PoE): 2.5-4.7W
- > Dimension (W*D*H*T): 212mm*189mm*175mm*54mm
- > Operating humidity: 10~95%
- > Operating temperature: -10~50°C (+14~122°F)

Management

- > Configuration: browser/phone/auto-provision
- > Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy

- > Auto-provision with PnP
- > Zero-sp-touch, TR-069
- > Phone lock for personal privacy protection
- > Reset to factory, reboot
- > Package tracing export, system log

Network and Security

- > 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
- > 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 for voice
- > Transport Layer Security (TLS)
- > HTTPS certificate manager
- > AES encryption for configuration file
- > Digest authentication
- > OpenVPN, IEEE802.1X
- > IPv6
- > LLDP/CDP/DHCP VLAN
- > ICE

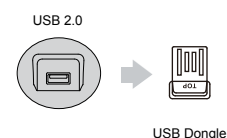
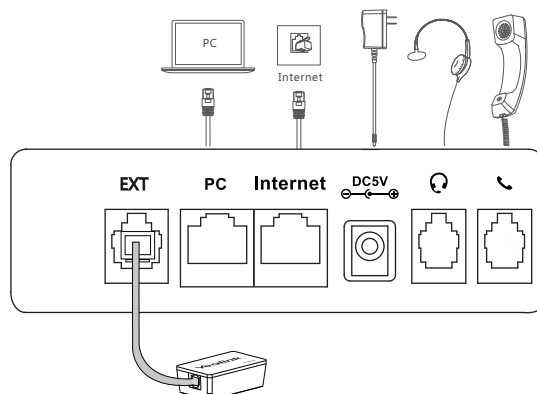
Package Features

- > Package content:
 - Yealink SIP-T42S IP phone
 - Handset with handset cord
 - Ethernet Cable (2m CAT5E UTP Cable)
 - Stand
 - Quick Start Guide
 - Power Adapter (Optional)
 - Wall Mount Bracket (Optional)
- > Qty/CTN: 5 PCS
- > N.W/CTN: 6.4 kg
- > G.W/CTN: 7.0 kg
- > Giftbox size: 246mm*223mm*120mm
- > Carton Meas: 627mm*256mm*235mm

Compliance



* Opus: Support 8 kHz (narrowband) and 16 kHz (wideband) sampling rate



[Learn More](#)

To find out how Yealink solutions can help your organization, visit us at www.yealink.com or mail to sales@yealink.com

About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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Technical Support

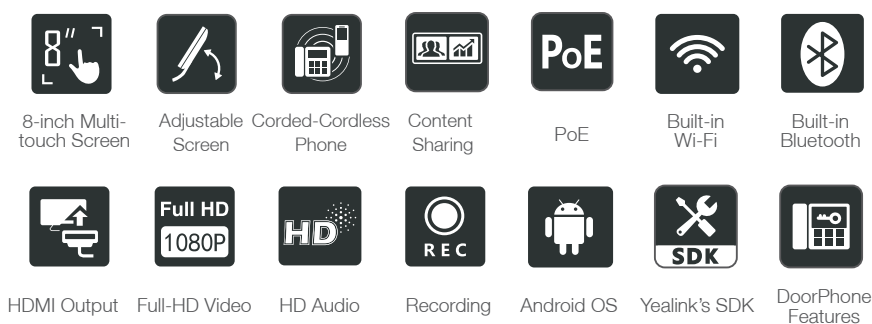
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YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Web: www.yealink.com
Addr: No.1 Ling-Xia North Road, High Tech Park,
Huli District, Xiamen, Fujian, P.R. China
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Flagship Smart Video Phone

The Yealink flagship smart video phone VP59 is designed for executives and teleworkers that strikes the perfect balance between simplicity 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

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.729A/B, 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

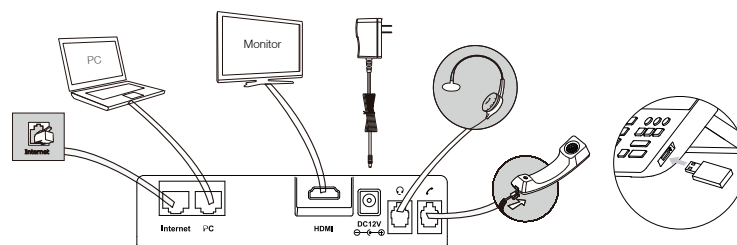
Other Physical Features

- Color: Classic Grey
- External Yealink AC adapter (optional): AC 100~240V input and DC 12V/1A output
- USB output currency: 5V \equiv 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



About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Web: www.yealink.com
Addr: No.1 Ling-Xia North Road, High Tech Park,
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Bid No. 683 - Queens College Telephone Upgrade

Furnish & Deliver Yealink Devices

Part Number	Description	Qty
SIP-T58A	Yealink Model T58A - Smart Business Phone	748
SIP-T42S	Yealink Model T42S - SIP Phone	1934
VP59	Yealink Model VP59 - Flagship Smart Video Phone	733