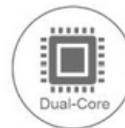


# OC924U Desk Phone –Data Sheet

## Enterprise HD IP Phone Gigabit Color IP Phone

OC924U is an innovative Gigabit Color IP Phone with 3.5" 480x320 pixel TFT-LCD. It supports up to 5-way conference. Its USB2.0 interface allows you to connect an external USB flash drive, which greatly expands the storage space of the IP Phone. Up to 6 expansion modules can be connected.

It supports up to 5-way conference. OC924U is optimized for executive use for major decision makers, administrative assistants and those working with bandwidth-intensive application on collocated PCs. Programmable keys could be configured as IPPBX features like BLF, SCA, Intercom, Call Park and many other features. The high-resolution TFT-LCD and HD Voice bring you the lifelike visual and audio experience.



### Key Features and Benefits

#### 1. HD Audio

OC924U not only upgrades its hardware such as handset, hands-free components and headset, but also supports Opus and other sound codecs, creating a clearer voice, and achieving HD sound quality under different network bandwidths. Moreover, OC924U adopts the latest acoustic shield technology, which effectively eliminates environmental noise, making remote communication close at hand and helping your team to more smoothly.

#### 2. Powerful Expansibility

OC924U integrates a USB2.0 interface, which can be used for U disk storage, USB headset, and WFBT60 Bluetooth 4.2 & Dual-band Wi-Fi Dongle. It has Dual-port Gigabit Ethernet and supports PoE, making network connections more flexible and convenient. Supports EHS30 Wireless Headset Adapter, making the use of wireless headsets simpler and more practical. OC924U can connect up to 6 color-screen expansion modules OC46 which can be programmed with up to 240 paperless DSS keys. Supports wall hanging, meeting user needs in various scenarios.

#### 3. High Security and Wide Compatibility

OC924U supports SRTP and TLS which is the latest network security technology. It is widely compatible with third-party SIP devices and leading SIP platforms. Furthermore, OC924U is equipped with a dual firmware images function, which can prevent system crashes caused by upgrade failures and provide you with carrier-class system protection.

#### 4. Efficient Installation and Provisioning

You can use OneCloud RPS (Redirection and Provisioning Service) to achieve fast and efficient deployment. Users do not need to manually configure and upgrade the phone; instead, just power on and connect to the Internet, and the phone can be automatically deployed, saving a lot of time and cost, and realizing "Zero Touch Provisioning" in the true sense. In addition, it supports advanced tools such as OneCloud Device Management System (OCDMS), so firmware update and device management can also be completed through remote operation, making the phone easy to use, easy to deploy, and easy to manage.

- 3.5" 480x320 pixel color display with backlight
- 12 SIP accounts, 8 feature keys, 8 line keys
- Support up to 28 paperless DSS keys
- Acoustic shield technology
- Dual core CPU
- Dual firmware images
- Local phonebook up to 10000 entries
- Support EHS30
- Dual-port Gigabit Ethernet, PoE support
- Supports expansion modules
- Stand with 2 adjustable angles
- 1x USB Port (2.0 compliant) for more functions
- Support HDMS

# Specifications

## Phone Features

- 12 SIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer, direct IP call
- 5-way conferencing
- Group listening, SMS, emergency call
- Ring tone selection/provisioning
- Set date time automatically or manually
- Dial plan for each account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI
- USB port (2.0 compliant) for:
  - USB call recording through USB flash drive
  - USB storage (screensaver, wallpaper)
  - USB headset

## Audio Features

- HD Voice: HD Speaker, HD Handset, HD Codec
- Codecs: iLBC, G.722, G.711(A/μ), Opus, G.723.1, G.729AB, G.726-32, G.722.1
- DTMF: In-band, RFC2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- AEC, VAD, AGC, CNG, PLC, AJB

## Directory

- Local phonebook up to 10000 entries
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Black list

## IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Hot-desking
- Flexible seating
- Call recording

## Display and Indicator

- 3.5" 480\*320-pixel color display with backlight  
24 bit depth color
- LED for call and message waiting indication
- Dual-color (red or green) illuminated
- LEDs for line status information
- Wallpaper, multi-language selection
- Intuitive user interface with icons and soft keys
- Caller ID with name, number and photo

## Feature keys

- 8 line keys with LED
- 8 line keys can be programmed up to 28 Paperless DSS keys (4-page view)
- 8 feature keys: voice mail, headset, mute, speaker, conference, hold, transfer, redial
- 4 context-sensitive soft keys
- 6 Navigation keys (include cancel key) and volume control keys

## Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- IEEE 802.3az GreenEnergy Efficient Ethernet
- 1x RJ9 (4P4C) handset port 1x RJ9
- (4P4C) headset port 1 x RJ12
- (6P6C) EXT port Support EHS Support up to 6 Expansion Modules 1x USB Port (2.0 compliant)

## Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter:  
AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 2.0~4.6W
- Power consumption (PoE): 2.5~5.5W
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

## Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection

## Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- Transport Layer Security (TLS 1.2), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-session
- IEEE 802.1X/OpenVPN
- IPv4/IPv6, LLDP/CDP/DHCP VLAN

## Package Features

- Package content:
  - Phone Device\*1pcs
  - Footstand\*1pcs
  - Handset\*1pcs
  - Handset Cord\*1pcs
  - Ethernet Cable\*1pcs
  - Quick Reference Manual
  - Power Adapter (Optional)
- Qty/CTN: 10pcs
- N.W /CTN: 13.76kg
- G.W /CTN: 15.01kg
- Phonebox Size:  
245mm(L)\*225mm(W)\*100mm(H)
- Carton Meas: 525mm(L)\*510mm(W)\*245mm(H)

## Compliance

