CIP270v2

The Perfect VoIP Phone for Business and Those Who Manage Them



ClearlyIP CIP270v2 phones are designed to work with your favorite SIP based PBX or softswitch and can be easily provisioned free of charge using the ClearlyIP Cloud Device Manager software or the Clearly Devices module for FreePBX® based systems.

The CIP270v2 phone is the most robust of our CIP phone line supporting 10 line keys, 6 SIP accounts, a large screen, and features built-in Wi-Fi and Bluetooth. The CIP270v2 is capable of adding multiple expansion modules, making it ideal for power users or receptionists.

Highlights

- 10 line keys with LED
- Up to 16 SIP Accounts
- 8 Feature Keys
- 36 Programmable Keys
- Built-in Wifi & Bluetooth
- 4.3" 480x272 Pixel Color LCD
- 1 USB Port (Supports Panic Button)

Zero Touch Provisioning

With Zero Touch Provisioning our servers will direct the phone to the configuration server of your choice. Just send the client or employee an unprovisioned phone, and you don't have to leave your desk.

clearlyip
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CIP270v2 FEATURES

- **Easy to Use Phone Apps**
  Using our ClearlyIP Device Manager, Clients with FreePBX® 14 and above based systems can replace complicated phone commands with the click of a button.
- **Built-in OpenVPN Client**
  Our system allows you to tunnel your IP sub-network or virtual ethernet connection, creating secure ethernet bridges to protect your data.
- **Power Over Ethernet (PoE)**
  Industry standard PoE, delivers the energy to run the phone so no power cable or outlets are required.
- **Full Color LCD Displays**
  All ClearlyIP Phones come with large full-color displays creating sharp easy to read text and graphics.
- **Dual Gigabit Ethernet with PoE**
  Not every area has a separate drop for both a phone and computer. All of ClearlyIP's phones allow for high-speed gigabit passthrough for computer connectivity.
- **5 Way Conferencing**
  Sometimes your conference line may be in use. ClearlyIP phones allow up to 5 direct connections, meaning that you can have your conversations when you need them.
- **USB Support**
  The CIP270v2 phone is equipped with a USB port, allowing you to connect a USB Panic Button.
- **Wi-Fi & Bluetooth Support**
  Eliminate the requirement of cabling by setting up an entire office using WiFi. Supported Bluetooth also allows users to connect bluetooth headsets for a true wire-free experience.

PHONE FEATURES

- 16 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 per account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI
- 10 Multicast Listen Groups
- Initiate Multicast from Phone to any Multicast Address
- HAC Support

DIRECTORY

- Local phonebook up to 1000 entries
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: all/dialed/received/missed/forwarded/answered elsewhere

IP-PBX FEATURES

- Busy Lamp Field (BLF), bridged Line Appearance(BLA)
- Call park/pickup
- Music on hold
- Voicemail
- Anonymous call/rejection
- Message waiting indicator
- Intercom, paging
- Follow Me
- DND (Do Not Disturb)
- Conference rooms
- Time conditions
- Queues
- Presence
- Queue agents
- Hot-desking
- Call Flow
- Contacts

FEATURE KEYS

- 10 line keys with LED
- 10 line keys with four pages for up to 36 digital DSS keys
- 8 feature keys: voicemail, headset, mute, speaker, transfer, redial, hold, conference
- 4 context-sensitive “soft” keys
- 5 navigation keys, volume control keys

INTERFACE

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af). class 3
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- Support for Up to 6 Expansion Modules

LANGUAGES:

- Built-in: English, French, German, Spanish, Portuguese, Russian, Italian, Polish, Turkish, Serbian, Chinese Simplified, Chinese Traditional, Slovenian, Farsi, Slovak and Czech
- Controlled by PBX: Chinese Simplified, Chinese Traditional, English, French, German, Italian, Polish, Portuguese, Russian, Spanish, Turkish

CERTIFICATIONS

- CE, FCC, RoHS

DISPLAY AND INDICATOR

- 4.3” 480x272 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
- Wallpaper
- National Language Selection
- Intuitive User Interface with Icons and Soft Keys
- Caller ID with Name, Number and Photo
- WiFi/Bluetooth Supported
- Illuminated Speaker Key/Headset Key/Mute Key

PHYSICAL FEATURES

- Stand with two angles at 40° and 55°
- Built-in USB port
- Wall mountable
- External universal AC adapter: Sold Separately
- 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

DIMENSIONS/PACKING

- 40° Angle: 210mm (W) x 178mm (D) x 203mm (H)
- 55° Angle: 210mm (W) x 216mm (D) x 175mm (H)
- 90° Angle: 210mm (W) x 115mm (D) x 224mm (H)
- Qty/CTN: 10 Pcs, N.W/CTN: 10.4 kg, G.W/CTN: 14 kg
- Phone Box: 248mm (W) x 225mm (D) x 100mm (H)
- Carton Size: 520mm (W) x 511mm (D) x 232mm (H)

MANAGEMENT

- Configuration: browser/LCD-Menu/Auto-provisioning
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP
- Reset to factory, restart, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection
- Support SNMP & TR-069

NETWORK AND SECURITY

- Built-in Dual-band WiFi: 2.4GH/5GHz (Data rate up to 433Mbps - IEEE 802.11a/b/g/n/ac)
- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- DHCP/static/PPPoE/IEEE802.1X/open VPN
- HTTP/HTTPS web server
- Time and date synchronization by SNTP
- DNS-NAPTR/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN),
- Layer 3 ToS DSCP TLS(Transport Layer Security), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IPv6 supported

VOICE CODECS FEATURES

- HD voice, HD handset, HD speaker
- Codecs: iLBC, G.722, G.711(A/μ), Opus G.723, G.729AB, G.726-32
- DTMF: In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone
- Built-in Bluetooth v4.2

OPTIONAL ACCESSORIES

- EHS Headset Adapter
- CIP200 Expansion Module (Up to 6 can be added)
- External Universal AC Adapter (US, UK, EU): AC 100~240V Input

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