

CIP290

A Smart IP Phone for Enterprise Users with Optional HD Camera



ClearlyIP CIP290 phones are designed to work with your favorite SIP based PBX or softswitch and can be easily provisioned free of charge using the the Clearly Devices module for FreePBX® based systems.

The CIP290 is an innovative smart IP phone with a seven-inch touch IPS screen, built-in Bluetooth and dual-band Wi-Fi (2.4G/5G) module. It supports up to ten-way audio/video mixed conferencing. The high-resolution IPS screen and HD Voice bring you the life-like visual and audio experience.

Highlights

- » Up to 16 SIP Accounts
- » 8 Feature Keys
- » 36 One-touch DSS Keys
- » Built-in Wifi & Bluetooth
- » 7" 1280x800 Touch IPS LCD
- » Ten-way Audio/Video Mixed Conferencing (Up to 2 Video Calls)
- » 1 USB Port (Supports Panic Button, camera, or headset)

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.



CIP290 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**
With built in OpenVPN support, you can connect your phone to your PBX securely over an encrypted connection.
- » **Optional USB HD Camera**
Attach the the optional HD plug-and-play ClearlyIP USB Camera 200 for smooth convenient 1080p video calls.
- » **Full Color 7 Inch Touch IPS LCD Display**
CIP290 phones come with a large 7 inch 1280x800 full-color multi-touch IPS screen for sharp text and graphics.
- » **Dual Gigabit Ethernet with PoE**
CIP290 phones allow for high-speed gigabit pass-through for computer connectivity. Industry standard Power over Ethernet (PoE), delivers energy to the phone so a power cable is not required.
- » **3 Way Video Conferencing**
Sometimes your conference line may be in use. ClearlyIP phones allow up to 3 direct connections.
- » **USB Support**
CIP290 phones are equipped with a USB port, allowing you to connect a USB Panic Button, headset or camera.
- » **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
- » Three-way video conferencing
- » Ten-way audio/video mixed conferencing (up to 2 video call)
- » 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
- » Door phone integration
- » Wireless Access Point (AP mode)
- » Onscreen keyboard
- » Notification Center and Control Center
- » USB ports (3.0 compliant) for media, storage applications and extending camera with USB3.0 cable
- » Third party Android application support

VIDEO FEATURES

- » Support 1080p HD Video
- » Video codec: H.265, H.264 High Profile, H.264, H.263, VP8 1080P
- » USB HD camera (optional)

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.729A/B, G.726-32, 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

DIRECTORY

- » Local phonebook up to 10000 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)
- » Call park/pickup
- » Music on hold
- » Voicemail
- » Anonymous call/rejection
- » Message waiting indicator
- » Intercom, paging
- » Follow Me
- » Conference rooms
- » Time conditions
- » Queues
- » Presence
- » Queue agents
- » Hot-desking
- » Call Flow
- » Contacts
- » DND (Do Not Disturb)

FEATURE KEYS

- » 36 one-touch DSS keys
- » 8 feature keys: hold, transfer, redial, headset, mute, speakerphone, volume up, volume down

DIMENSIONS/PACKING

- » 48° Angle: 204mm (W) x 160mm (D) x 165mm (H)
- » 55° Angle: 204mm (W) x 150mm (D) x 176mm (H)
- » Qty/CTN: 10 Pcs, N.W/CTN: 10.8 kg, G.W/CTN: 15.8 kg
- » Phone Box: 255mm (W) x 240mm (D) x 114mm (H)
- » Carton Size: 534mm (W) x 585mm (D) x 267mm (H)

INTERFACE

- » Dual-port Gigabit Ethernet
- » Power over Ethernet (IEEE 802.3af). class 3
- » 1 x USB port (3.0 compliant) for camera/USB3.0 cable
- » 1xRJ9 (4P4C) handset port
- » 1xRJ9 (4P4C) headset port
- » 1 x RJ12 (6P6C) EXT port

PHYSICAL FEATURES

- » Stand with 2 adjustable angles
- » Wall mountable
- » External universal AC adapter:
- » AC 100~240V input and DC 12V/2A output Power consumption (PSU): 9~13W
- » Power consumption (PoE): 10~14.5W 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, Zero Touch, TR-069
- » Reset to factory, reboot
- » Local tracing log export, system log
- » Phone lock for personal privacy protection
- » Only the administrator can install/uninstall apps via auto provision
- » Setup Assistant Wizard

WI-FI/BLUETOOTH

- » Built-in dual band Wi-Fi: Network Standard: IEEE802.11a/b/g/n/ac
- » Transmission Rate: Up to 433 Mbps (dynamic)
- » Frequency Range: 2.4GHz/5GHz
- » Built-in Bluetooth 4.2:
- » Bluetooth headset
- » Mobile contacts synchronization
- » Bluetooth call

NETWORK AND SECURITY

- » DNS-NAPTR/DNS-SRV (RFC 3263)
- » QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- » Transport Layer Security (TLS1.3), SRTP, ZRTP
- » AES encryption for configuration file
- » Digest authentication using MD5/MD5-sess
- » IPv4/IPv6, LLDP/CDP/DHCP VLAN
- » SIP v1 (RFC2543), v2 (RFC3261)
- » Call server redundancy support
- » SIP server/proxy redundancy
- » NAT Traversal: STUN mode
- » IP assignment: static/DHCP
- » HTTP/HTTPS web server
- » IEEE802.1X/OpenVPN
- » HTTPS certificate manager
- » Time/date synchronization-SNTP

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
- » External Universal AC Adapter (US, UK, EU): AC 100~240V Input

LANGUAGES:

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

CERTIFICATIONS

- » CE, FCC, RoHS

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