CREATIVE HD-120 EW 2 LINE SIP PHONE

Creative HD-120 EW is a business class SIP phone with 2 SIP accounts, 3-way conferencing with enhanced voice quality for virtual telephony application.

Key Features and Benefits

Simple and Easy to Use UI Design

Creative HD-120 EW comes with a simple yet ergonomic design that is easy to use. Prompts guide you through a simple installation process making it easy to start a voice collaboration.

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Flexible Deployment

Whether in your office or conference room, say goodbye to the complex deployments, connect with people the way you like. Creative HD-120 EW supports dual 10/100 Mbps ports, PoE and a built-in **2.4G Wi-Fi** connection.

HD Voice Quality

Creative HD-120 EW provides excellent voice quality. It is designed to offer high definition sound quality solutions even in a noisy environment.

Key Features

- 128 x 64px backlit LCD display
- 2 SIP accounts
- 2 DSS/BLF keys
- HD Voice
- Opus
- 2 x 10/100 Mbps Ethernet port
- PoE
- Stand with 3 adjustable angles
- EHS headset, RJ9 headset
- **Built in 2.4G Wi-Fi**
- Wall mountable

High Security and Compatibility

All conversations are well protected. We make sure of security algorithms such as configuration files utilising AES, SRTP and TLS call encryption.

Audio Features
> HD voice: HD handset
> Wideband Codec: G.722, Opus, AMR-WB(Optional), G.711WB(Optional)
> Narrowband Codec: G.711(A/u), iLBC, G.729A/B, G.723, G.726, AMR-NB(Optional)
> DTMF: In-band, RFC 2833 and SIP info
> Full-duplex hands-free speakerphone
> VAD, CNG, AEC, PLC, AJB, AGC

Display and Indicator
> 128 x 64px backlit B/W LCD screen
> 16 bit depth colour
> LED for call and message waiting indication
> Dual-colour (red/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

Management
> Configuration: browser/phone/auto-provision
> TFTP/HTTP/HTTPS for Auto Provisioning
> TR069 TR104/TR106
> Reset to factory, reboot
> Package tracing export, system log
> DNS/DNS SRV (RFC 1706, RFC 2782)
> NAPTR for SIP URI lookup (RFC 2915)
> Cloud device management: FCMS
> DHCP server and DHCP client

Phone Features
> 2 SIP accounts
> Call hold, mute, DND, redial, auto answer
> One-touch speed dial, hotline, SIP message
> Call forward, call waiting, call transfer (attended/blind)
> Paging, intercom
> 3-Way conferencing
> Direct IP call without SIP proxy
> Set date time manually or automatically
> Dial rule
> IP conflict detection
> 2.4 GHz Wi-Fi
> Up to 2 DSS/BLF keys

Directory
> Phone book (2000 records)
> Black list
> XML/LDAP remote phonebook
> Phonebook search/import/export
> Call history: dialled/received/missed (60 records)

IP-PBX Features
> BLF
> Anonymous call, anonymous call rejection
> Voice mail, call park, call pickup
> Message waiting indicator (MWI)

Feature Keys
> 2 Line keys
> 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
> 4 Soft Keys
> 5 Navigate Keys
> Volume+/-

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Interface
> 2x RJ45 Ports (Ethernet 10/100 Base-T)
> Supports PoE (IEEE 802.3af), class 1
> 1 x RJ9 Handset port
> 1 x RJ9 Headset port
> 1 x Power adapter

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Others
> Colour: Classic grey
> Stand with 3 adjustable angles, Wall mountable
> AC/DC Adapter, AC Input: 100~240V, 50~60Hz ,DC Output: 5V, 1A
> Power consumption (PSU): 1.5-3.5W
> Power consumption (PoE): 1.9-4.5W
> Dimension(W x H x D x T): 190mm x 188.5mm x 173mm x41.5mm
> Relative humidity: 10%~90% (No Condensing)
> Storage temperature: -25~ 65 C
> Operation temperature: 0~45 C

Network and Security
> SIP v1 (RFC2543), v2 (RFC3261)
> Call server redundancy supported
> NAT Traversal By STUN
> Proxy mode and peer-to-peer SIP link mode
> IP assignment: Static IP and DHCP
> HTTP/HTTPS web server
> Time and date synchronisation using SNTP
> SDP (RFC 2327), UDP/TCP
> Mutil-VLAN, DSCP and 802.1p QoS
> SRTP
> TLS
> HTTPS certificate manager
> AES encryption for configuration file
> Digest authentication
> IEEE802.1X, OpenVPN
> IPv4 /IPv6, Dual stack IPv4/IPv6
> RTP/RTCP (RFC 1889, RFC 1890)
> ARP/RARP (RFC 826/903)
> IEEE802.1Q VLAN/802.1p/DSCP
> SNMPv2
> LLDP/CDP/DHCP VLAN

Compatible with :- Asterisk, 3CX, Broadsoft and major SIP server & IP PBXs.

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