CIP-5000 SERIES



Telephony Solution for Modern Workspace

CIP SERIES IP-PBX

CREATIVE CIP Series, next generation telephony solution designed to deliver advanced telephony capabilities for modern workspace and enable seamless integration with various communication endpoints, including SIP phones, WebRTC Client, Video Phone, softphones and mobile devices. With its user-friendly interface and intuitive management tools, CIP simplifies administration and configuration tasks to save time and effort. It also offers advanced security features, such as encryption and firewall protection, to ensure the confidentiality and integrity of your communications.

GIGA ETHERNET

Unleash the Power of Lightning-Fast Voice and Video Data Transfers with 4x Giga Ethernet: 1x WAN, 2x LAN, and 1x IMS Port

ROUTER INBUILT

Seamless Connectivity and advanced routing capabilities with Inbuilt router features such as NAT, DNS, DHCP Client & Server, VLAN etc.

HA - HIGH AVAILABILITY

To ensure uninterrupted service and increased reliability, all the models in CIP series support High Availability (HA).

WEBRTC

WebRTC supported extension and API for browser-based audio-video communication or seamless integration with any CRM application

FIREWALL

Connect OpenVPN-based SIP trunks offered by telco service providers or use it for secure branch office telephony network connectivity.

SIP DEFENCE

Seamless Connectivity and advanced routing capabilities with Inbuilt router features such as NAT, DNS, DHCP Client & Server, VLAN etc.

OPEN VPN CLIENT

Connect OpenVPN-based SIP trunks offered by telco service providers or use it for secure branch office telephony network connectivity.

MQTT API

Unlock the potential with MQTT event API for IVR Broadcast, helpdesk solutions, Telephony Automation or 3rd party CTI integration.

PAGING & ANNOUNCEMENT



SIP-based paging & announcement system inbuilt which support one-way, two-way, and scheduled voice announcements.

CALL RECORDING



Call recording options to record all calls with flexibility in storage options USB, Share drive and inbuilt SD card.

BOSS-SECRETARY



Boss-Secretary call handling facilitates efficient communication and call management between a boss and their secretary or assistant.

EXTENSION GROUP



Manage user extension groups with incoming, outgoing restriction or communication between different groups in PBX system.

IVR - AUTO ATTANDENT



Welcome callers with Pre-recorded voice message and key press option using multi-layer multiple channel IVR feature.

PHONE BOOK



Manage intercom user or customer contact numbers and ensure their name and number display on incoming calls.

CALL QUEUE



ACD Call Queue feature for efficient call distribution, queue position announcement and custom MOH to enhance the caller experience.

DISA



Allows authorized external callers/WFH user to access trunk or extension of the PBX without internet connectivity.

CONFERENCE BRIDGE



Welcome callers with Pre-recorded voice message and key press option using multi-layer multiple channel IVR feature.

TIME PROFILE



Manage intercom user or customer contact numbers and ensure their name and number display on incoming calls.

CALL BARGE-IN



ACD Call Queue feature for efficient call distribution, queue position announcement and custom MOH to enhance the caller experience

CDR



Allows authorized external callers/WFH user to access trunk or extension of the PBX without internet connectivity.

Technical Specification

Creative



CIP Series IP-PBX

Physical Interface	1x WAN 10/100/1000 2x LAN 10/100/1000	1x IMS 1x USB
Network Protocol	LAN, WAN, IPv4, IPv6, Static IP, DHCP (server & Client) N2N VPN, Open VPN ICMP, NAT, DNS, PPPoE, SMTP, ARP, VLAN, NTP, TFTP, SSH, HTTPS	
Audio Video Codecs	PCMA, PCMU, G.729, GSM, G.726, G.722, H.264, MPEG4, VP8	
Protocol	**SIP** - RFC 3261 **DTMF** - RFC 2833, SIP INFO, In-band **Transport** - UDP, TCP, TLS, SRTP **API** - MQTT **Network** - LAN, WAN, IPv4, IPv6, DHCP (Server & Client), ICMP, DNS PPPoE, SMTP,ARP, VLAN, NTP, TFTP, SSH, NAT HTTPS **VPN** - Open VPN, N2N VPN	
Voice Processing	SIP V2.0, RFC3261, SDP RFC2327 RTP/ RTCP RFC3551, CNG, VAD, AGC, CPT, DTMF Signal RFC2833, SIP INFO, In-band, RFC4733, RBT 128ms Echo Cancellation, Dynamic Jitter Buffer, Silence Suppression, STUN.	
Management	HTTPS Web GUI, Backup-Restore, Firmware upload Factory Reset, Ping, PCAP, Command Control Application - Centralized Management.	
Encryption & Security	SRTP, TLS, HTTPS, SSH, NAT, Firewall ACL, White/Block List, Session Timer, ACL, VPN, SIP defense.	
Compliance	CE - 2014/35/EU Low Voltage Directive FCC- FCC PART 15, Subpart B: 2013 Class A, EN 55022 Class ROHS- RoHS Directive (2011/65/EU)	
Power & Environment	230V AC, 48V DC Operating: 32 ~ 104°F / 0 ~ 40 °C 10 ~ 90% (non-condensing) Storage: 14 ~ 140oF / -10 ~ 60 °C	
Telephony Features	SIP Intercom, IVR, Voice Mail, Voice-Mail to Email, Caller ID, DISA, ACD, Paging & Announcement, Ring Group, Call Conference, Video call, Follow Me, Find Me, Call Recording, Call Hold, Transfer, Call Park, CDR, Call Routing, MOH, Three-way Calling, Call Queue, Call Barge, Boss -Secretary, BLF Call Monitor, Call Waiting, Call Forward, Video Call, Call Pickup, WebRTC Presence, DID, DOD, Time Profile, Speed Dial etc.	







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