UC200 IP PBX for SMEs

Overview

UC200 is an IP telephony system, which is used to help small and medium-sized enterprises establish a convenient and high-efficient communication way.

The gateway provides 2 FXO ports and 2 FXS ports, and meanwhile it can be extended based on the Session Initiation Protocol (SIP). Interworking with traditional PBX and third party IPPBX system, it allows users to communicate through voice, fax, data or video.

UC200

Besides, UC200 supports VPN, encryption and security strategies, and thus ensures secure communication. It can be widely used in small and medium-sized call centers, enterprise branches to improve work efficiency and save communication cost.

Key Features

- Supports up to 500 SIP users and 30 concurrent calls
- Supports 2 FXO and 2 FXS ports with lifeline capability
- Flexible dial rules based on time, number or source IP etc.
- Supports Multi-level IVR(Interactive Voice Response)
- Built-in VPN server/client
- Support voicemail/ Voice recording
- User-friendly web interface, classification of web user's rights

Physical Interfaces

FXS: 2 *FXS Ports

FXO: 2 * FXO Ports

USB Interface: 1* USB2.0

Ethernet Interfaces

    1 WAN, 100/1000M, Base-T, RJ45

    1 LAN, 100/1000M, Base-T, RJ45

1*SD card slot

1* Console port

LED Indicators: PSTN Line, FXS, USB,SD,PWR/RUN

FXS

Connector: RJ11

Caller ID: Bellcore Type 1&2, ETSI,BT,NTT and DTMF

Answer and Disconnect Signaling: Answer, Disconnect, Busy Tone

Polarity Reversal

Hook Flash

FXO

Connector: RJ11

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Detection of Busy Tone

Detection of No Current

Auto Match of FXO Impedance

Voice Capabilities

VoIP Protocols: SIP over UDP/TCP/TLS,RTP/SRTP

Codecs: G.711a/μ law,G.723.1, G.729A/B

Silence Suppression

Comfort Noise Generator(CNG)

Voice Activity Detection(VAD)

Echo Cancellation: G.168 with up to 128ms

Dynamic Jitter Buffer

Adjustable Gain Control

Automatic Gain Control （AGC）

Call Progress Tones: Dial Tone, Ring Back Tone, Busy Tone

FAX: T.38 and Pass-through

NAT: STUN/UPnP

DTMF: RFC2833/Signal/Inband

VPN Server/Client

Maintenance

Web GUI Configuration

Telnet Management

Configuration Restore/Backup

Multiple Languages Supported

HTTP/TFTP/FTP Firmware Upgrade

Auto Provision

Syslog

Ping and Tracert

Traffic Statistics: TCP,UDP,RTP

Network Capture

NTP

Classification of Web Users' Rights

HTTP&HTTPS/NATS API

PBX Services

Call Forward (Unconditional/No Answer/Busy)

Call Waiting

Call Holding

Call Transfer

Hotline

Do-not-disturb

3-Way Conference

Ring Group

Call Queue

Routing Groups

Caller/Called Number Manipulation

Routing Based on Time Period

Routing Based on Caller/Called Prefixes

Routing Based on Source Trunks

Dial Rules

Failover Routing

Multi-level IVR

Auto-attendant Function

CDRs

Voicemail

Local Recording (Support USB Storage)

Up to 500 SIP Extensions

Up to 30 Concurrent Calls

Paging

Event Report

Email Client

Voicemail to Email

Environmental

Power Supply: 12VDC, 2A

Power Consumption: 18W

Operating Temperature. 0 ℃ ~ 40 ℃

Storage Temperature: -10 ℃ ~90 ℃

Humidity: 10%-90% Non-Condensing

Dimensions (W/D/H): 240×180×35mm

Unit Weight: 1 kg

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