



# UC200 Pro IP PBX for SMEs

## Overview

UC200 Pro is a highly efficient IP phone system solution specifically designed for small and medium-sized enterprises. UC200 Pro provides 2 FXS and 2 FXO interfaces and allows users to expand with 2S/2O/1S1O modules, supporting up to 3 additional modules to flexibly meet various communication needs. The internal telephone numbering plan support extension lengths ranging from a minimum of 2 to 8 digits. It also allow different extension groups to be configured with varying digit lengths. UC200 Pro supports up to 500 SIP users and 50 concurrent calls(with up to 25 concurrent calls in full recording mode), ensuring excellent call quality even under high load conditions.

UC200 Pro enables remote office through SIP voice terminals and can seamlessly integrate with other IPPBX or traditional PBX systems, catering to the diverse communication requirements of enterprises. It employs advanced encryption and security strategies to fully ensure communication security.

UC200 Pro can help small and medium-sized call centers or enterprise branches to enhance communication efficiency and reduce communication costs, which can provide a stable, secure, and efficient communication environment for businesses.



## Key Features

- Supports up to 500 SIP users and 50 concurrent calls
- Supports 2 FXS and 2 FXO interfaces
- Expandable with 2S/2O/1S1O modules, supporting up to 3 modules
- Flexible dial rules based on time, number or source IP etc.
- Supports Multi-level IVR(Interactive Voice Response) Automated Attendant with voice announcement and support scheduling of automated responses in at least four modes: Business hours, After business hours, Break time, and Holidays
- Support voicemail/ Voice recording
- User-friendly web interface, classification of web user’s rights

SIP Extensions	60	200	500
Concurrent Calls	15	30	50

UC200 Pro provides the above 3 different types of licenses to grow with your business.

## Physical Interfaces

- FXS&FXO Ports  
Supports 2\*FXS ports, 2\*FXO ports  
Expandable with 2S/2O/1S1O module  
Supports up to 3 additional modules
- USB Interface: 1\*USB2.0
- Ethernet Interfaces  
2\*10/100/1000M, Base-T, RJ45
- 1\*TF card slot
- Console port: 1\* USB-B

## FXS

- Connector: RJ11
- Hook Flash
- Polarity Reversal
- Answer and Disconnect Signaling:  
Answer, Disconnect, Busy Tone
- Caller ID: Bellcore Type 1&2, ETSI,  
BT, NTT and DTMF

## FXO

- Connector: RJ11
- Caller ID: FSK, DTMF
- Answer Delay
- Polarity Reversal
- Detection of Busy Tone
- Detection of No Current
- Auto Match of FXO Impedance

## Voice Capabilities

- VoIP Protocols: SIP over  
UDP/TCP/TLS,RTP/SRTP/ZRTP
- Silence Suppression
- VPN Server/Client
- Dynamic Jitter Buffer
- Adjustable Gain Control

- Automatic Gain Control (AGC)
- FAX: T.38, VBD and Pass-through
- NAT: STUN/DDNS
- Comfort Noise Generator(CNG)
- Voice Activity Detection(VAD)
- DTMF: RFC2833/Signal/Inband
- Voice Codecs: G.711a/μ law,G.723.1,  
G.729A/B, G.726, OPUS, G.722
- Video Codecs: VP8,H264,H263,H261
- Call Progress Tones: Dial Tone, Ring Back  
Tone, Busy Tone
- Echo Cancellation: G.168 with up to 128ms

## Call Feature

- Call Waiting
- Call Holding
- Call Forward  
(Unconditional/ No Answer/Busy)
- Call Transfer(Attended/Blind)
- DID/DOD
- DNIS (Dialed Number Identification Service)
- Call Pickup
- Call Parking
- Alarm call
- Abbreviated Dialing (not less than 2 to 4 digits  
per entry)
- Emergency call
- Call Return
- DISA (Direct Inward System Access)
- Do-not-disturb (DND)
- Music on Hold
- Coloring Ring Back Tone(CRBT)
- Distinctive Ringtone, Custom Prompts
- Hunt Groups, Ring Group
- Call Queue
- Auto-recording
- Call Monitoring (Listen/Whisper/Barge-in)
- Class of Service, CoS (not less than 10 levels)

## PBX Services

- CDRs
- Video call
- Voicemail, Voicemail to Email, Email Client
- Paging/Intercom
- Dial Rules
- Caller ID display
- Blacklist/Whitelist
- Event Report
- Manager/Secretary Function
- Feature Code
- Business Hours & Holidays
- Call Restriction(Local/National/International)
- Hotline, VIP Extension
- Follow me (one number service)
- IVR (Multi-level/Multi-lingual/Time-based)
- 3-Way Conference, Conference call
- Failover Routing
- One SIP account with multi device registrations
- BLF, PIN list
- SMS Route
- Personal/Enterprise Phonebook, LDAP
- Auto-attendant Function
- Auto CLIP
- WebRTC
- Support Dinlink (App)
- Up to 25 concurrent calls in full recording mode
- Caller/Called Number Manipulation
- Routing Based on Time Period, Caller/Called Prefixes, Source Trunks
- Local Recording (Support USB Storage)
- Attendant Console
- PMS (Property Management System)
- Billing

## Network

- IP Firewall, Fail2ban
- Dynamic/Static NAT
- Dual-machine Hot Standby
- Anti-brute Force Attack Mechanism

## Maintenance

- NTP
- Syslog
- Ping and Tracert
- Auto Provision
- Network Capture
- Web-based Management Portal
- HTTP&HTTPS/NATS API
- Configuration Restore/Backup
- Multiple Languages Supported
- HTTP/HTTPS/TFTP/FTP Firmware Upgrade
- Traffic Statistics: TCP,UDP,RTP
- Classification of Web Users' Rights
- Personal Portal Management
- PNP Auto Provision
- Network Management System
- Support Configuration import and export
- Backup configuration data to a secondary storage within the system. Easily and quickly restored to the system.

## Environmental

- Power Supply: 100-240VAC 50/60Hz
- Power Consumption: 10W
- Unit Weight: 2.0kg
- Operating Temperature: 0 °C ~ 45 °C
- Storage Temperature: -20 °C ~80 °C
- Humidity: 10%-90% Non-Condensing
- Dimensions (W/D/H): 440×160×44 mm

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### About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.