# UC350 IP PBX

## Overview

Dinstar UC350 is a new generation IP PBX for large capacity unified communication solutions. Based on powerful hardware platform, It supports 1000 extensions and 200 concurrent calls which is integrated voice, video, paging, fax, conference, recording and other useful functions. It also provides four slots which are able to install E1/T1 boards, FXS and FXO boards by hot-plug mode, so that it can be flexibly configured and combined according to the actual use scenarios. It is not only suitable for helping to build the telephony system of large and medium-sized enterprises, but also can meet the branch office needs of large group enterprises and government agencies, helping enterprises and industry customers to establish a convenient and efficient IP telephone system.

**UC350**

In addition, UC350 provides an intuitive and easy-to-use graphical interface to facilitate user management and maintenance. With the open API, uses can easily integrate with the third-party system of CRM and dispatching platform, providing convenient and intelligent one stop telephony solution for enterprise.

## Key Features

- Supports up to 1000 SIP users and 200 concurrent calls
- Supports E1/T1, FXO and  FXS ports with the flexible and alternative capability
- Distributed multi-core CPU, greatly improves the call processing capacity
- Flexible dial rules based on  time, number or source IP etc.
- Supports Multi-level IVR, helps to build personalized voice navigation for enterprise
- Built-in VPN server/client
- Support voicemail/ Voice recording
- User-friendly web interface, classification of web user's rights

## Physical Interfaces

**Hardware**:

2* MCU Boards

4* User board Slots, E1/T1, FXS, FXO boards optional

FXS Board: 2* RJ45 with 8 FXS

FXO Board: 2* RJ45 with 8 FXO

E1/T1 Board: 4* E1/T1 Ports

**MCU Board**

2*100/1000M, Base-T, RJ45

1* USB 2.0

1* Console port

### FXS

Connector: RJ45

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: RJ45

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Detection of Busy Tone

Detection of No Current

Auto Match of FXO Impedance

### PSTN

4* E1/T1 Ports at max

Interface: RJ48 (120Ohm)

ISDN PRI:

23B+D(T1),30B+D(E1),NT or TE

ITU-T Q.921, ITU-T Q.931, Q.Sig

Signal 7/SS7:

ITU-T, ANSI，ITU-CHINA

MTP1/MTP2/MTP3, TUP/ISUP

R2 MFC

## Voice Capabilities

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

Codecs: G.711,G.723.1, G.729A/B, G.722,G.726, OPUS

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

Voice Recording

Up to 1000 SIP Extensions

Up to 200 Concurrent Calls

Paging

Event Report

Email Client

Voicemail to Email

## Environmental

1+1 Power Supply, 100-240VAC, 50-60 Hz

Power Consumption: 50W

Operating Temperature. 0 ℃ ~ 45 ℃

Storage Temperature: -20 ℃ ~80 ℃

Humidity: 10%-90% Non-Condensing

Dimensions (W/D/H):
437×345×49mm

Unit Weight: 5.7 kg