



UC120 SME IP PBX

Overview

UC120 is a VoIP PBX phone system designed for small and medium sized enterprises to boost productivity, improve efficiency and reduce telephony and operational cost. As a converged platform offering diverse connectivity to all networks like FXO (CO), FXS, GSM/VoLTE and VoIP/SIP, supporting up to 60 users, UC120 allows businesses take advantage of state-of-art technology and enterprise class features with small investments, delivers high performance and superior quality to meet the communication needs of today and tomorrow.

Pictures



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Key Features

- Integration of multiple networks include FXO (CO), FXS, GSM/VoLTE and VoIP/SIP
- Modular design with selections of FXS/FXO module, GSM/LTE module
- Open standard SIP, easy to integrate with different SIP endpoints
- Voice Mail and Integrated Auto-attendant, Voice Recording
- Easy to integrate Wi-Fi desk phone, Wi-Fi handsets with SIP through Wi-Fi hotspot
- Powerful performance, with up to 60 SIP Extensions and 15 concurrent calls
- User-friendly web interface, multiple management ways

Physical Interfaces

FXS/FXO Ports:

1* FXS/FXO Hybrid or 2 * FXS or 2* FXO
1* GSM or VoLTE Channel
USB Interface: 1* USB2.0

Ethernet Interfaces:

2* 10/100M, Base-T, RJ45
Wi-Fi: 802.11 b/g/n ,2.4GHz ,1T1R
1* SD card slot
Indicators: FXS, FXO, USB,SD,PWR/RUN

FXS / FXO

Connector type: RJ11
Caller ID: DTMF, FSK ITU-T V.23 and
FSK Bellcore
Polarity Reversal
Busy Tone Detection (FXO)

2G/VoLTE

1* SIM Slot
1.8V,3V SIM Interface
SMS/USSD
Antenna: SMA (Male) Connector,
3.0dB
GSM or VoLTE on Demand
Frequency Bands:
2G: 850/900/1800/1900MHz(GSM)
LTE(VoLTE and Data):
Back forward Compatible with 2G/3G
Type E Frequency Bands:
FDD:B1/B3/B5/B7/B8/B20
TDD: B38/B40/B41
WCDMA: B1/B5/B8
GSM:900/1800MHz
Type AU Frequency Bands:
FDD:B1/B2/B3/B4/B5/B7/B8/B28
TDD:B40 WCDMA: B1/B2/B5/B8
GSM: 850/900/1800/1900

Notes: please choose dedicated VoLTE according to frequency of local operator.

Voice Capabilities

VoIP Protocols: SIP over
UDP/TCP,RTP/RTCP
G.711a/μ law,G.723.1, G.729A/B Codecs
Silence Suppression
Comfort Noise Generator(CNG)
Voice Activity Detection(VAD)
G.168 Echo Cancellation
Dynamic Jitter Buffer
Adjustable Gain Control
Automatic Gain Control (AGC)
Call Progress Tones: Dial Tone, Ring Back
Tone, Busy Tone
NAT: STUN/Rport
DTMF: RFC2833/Signal/Inband
SIP TLS/SRTP/VOS encrypt

Maintenance

Web GUI Configuration
Telnet Management
Configuration Restore/Backup
Multiple Languages Supported
HTTP/HTTPS/FTP Firmware Upgrade
Auto Provision
CDR Report and Export
Syslog
Ping and Tracert
Traffic Statistics: TCP,UDP,RTP
Network Capture
NTP

Environmental

Power Supply: 12VDC, 1A
Power Consumption: <10W
Operating Temperature: 0 °C ~ 40 °C
Storage Temperature: -20 °C ~80 °C
Humidity: 10%-90% Non-Condensing
Dimensions (W/D/H):
178×98×28mm
Unit Weight: 0.5kg

PBX Services

SIP Trunks and Extensions
Fax over IP (T.38 and Pass-through)
Call Forward
Call Waiting / Hold
Call Transfer
Call Pickup
Call Monitor / Bargain in
Hotline
Do-not-disturb
3 Way Conference
Ring Group/Route Group
Call Queue
Paging
Caller/Called Number Manipulation
Routing Based on Time Period
Routing Based on Number
Prefixes(Support Regex)
Routing Based on Multi Source
Failover Routing
SMS Route
Multi-level IVR
Auto-attendant Function
CDRS/Signal Trace Loop Back
Voicemail/Voice Recording
Up to 60 SIP Extensions
Up to 15 Concurrent Calls
Open NATS Cloud Service
Event Report via HTTP/NATS
Voicemail to Email

Network

Access Rules
DHCP Client/ DHCP Server
Port Forward, DMZ, Static Routes
PPTP/L2TP/OpenVPN Server/Client

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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.