KNTD-50

UC features for up to 50 users

The KNTD-50 IP PBX appliance is designed to bring leading edge voice, video, data, and ability features to enterprises, small and medium businesses, retail and residential environments in an easy-to-manage fashion. This enterprise-grade on premise IP PBX supports E1, SIP Trunk，RJ45 networks and offers scalability by supporting up to 50 users. This secure and reliable IP PBX delivers unifed communication features at an unprecedented price point it hout any licensing fees, costs-per-feature, or recurring fees. Host Standby N+1 redundancy System design.

KNTD-50 server is a computer device that centrally processes and manages information, with multiple functions such as storing, processing, sharing, and protecting data.
The KNTD-50 server can be equipped with three major systems: telephone, broadcasting, and access control, and has efficient and stable performance to meet your various needs.

50 users
Supports up to 50 users,
10 SIP trunkacCounts,
up to 10 concurrent calls.

Three-In-One
Optional,
Telephone system,
Broadcasting system,
Access control system.

Strongest-possible
security protectionusing
HTTP.

4th Generation
Intel® Core™ i3 Processors

Supports IVR
(Interactive VoiceResponse).

Built-in call recordingserver
recordingsaccessed
via webuser interface.

SIP
Supports call queue
for efficient call
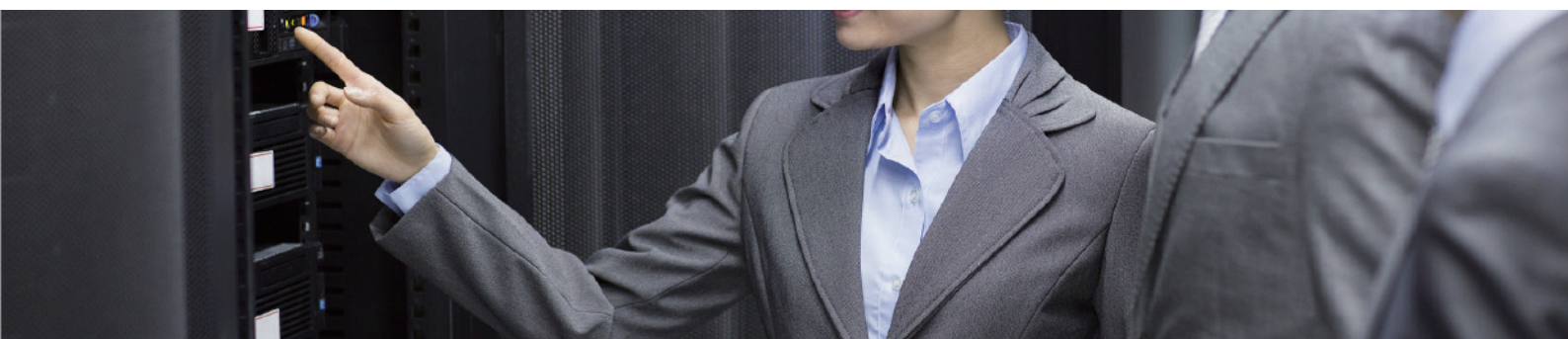volume management.

Linux System

Technical Parameter

Model	KNTD-50 IP PBX Enterprise - class unified communication system

Hardware interface	
	Host Standby N+1 redundancy System design
Network Interface	RJ45 Gigabit interface (10/100 / 1000M Ethernet adaptive)
Reset switch	Support, Web configuration

Audio / video capability	
Speech algorithm	G.711, 7.29, 7.23,7.26 encoding
Voice	G.711 A-law/ U-law, G.723.1, G.726, G.729A
Video coding	H.264.

Signaling protocol	
DTMF detection method	Support RFC2833, SIP INFO
Digital signal	SIP2.0
Terminal management and automatic deployment capabilities	Support for SIP terminal plug -and-play auto-deployment (including DHCP / multicast SIP , support Remote upgrade,local upgrade)
Network protocol	TCP | UDP | IP, RTP DHCP,SSH,HTTP,SIP

Safety	
Advanced defense	Alert events, whitelists, blacklists

Physical characteristics	
Global universal power supply	Input: 100~ ~ 240VAC, 50 / 60Hz;
weight	Equipment weight: 3.5 Kg; Package weight: 4,4Kg
Use the environment	Operating environment:32 -113° F/0~ 45° C, humidity 10 - 90% (No condensation) Storage environment: 14-140°F |/ - 10 ~~ 60° C, humidity 10 - 90% (No condensation)
Size	430mm (L) X 246.7mm (W) X 44.3mm (H) IU standard
Installation	Desktop or cabinet installation

Additional features

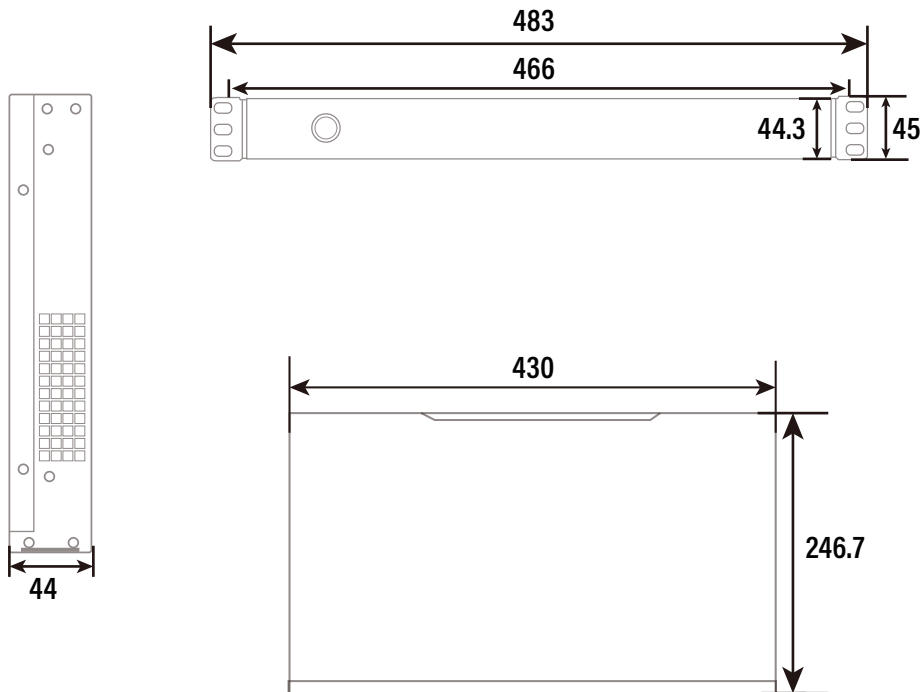|	
Multi language support	Web user interface supports English / Simplified Chinese, customizable IVR / voice prompts in English, Chinese
Caller ID	ETSI-DTMF
Call Center	Supports call queues.
Customize Auto	Supports |VR (Interactive Voice Response)
Concurrent call	Up to 50 SIP terminals can be registered, up to 10 concurrent calls
members	Calls waiting, Call transfer, Ringing group,Subgroup,meeting,broadcast, blacklist, call / intercom, etc

KNTECHIP PABX MODEL NUMBER

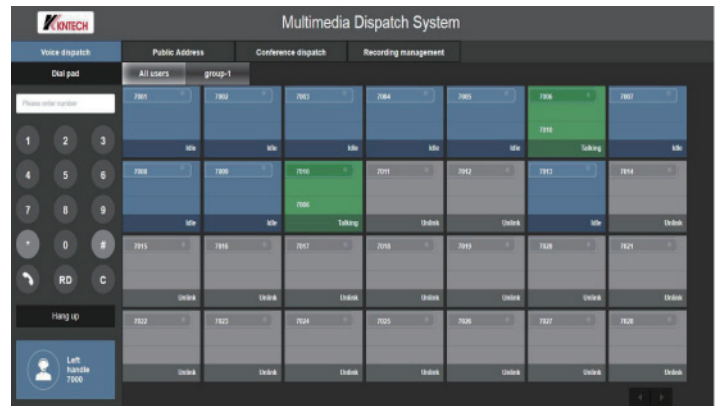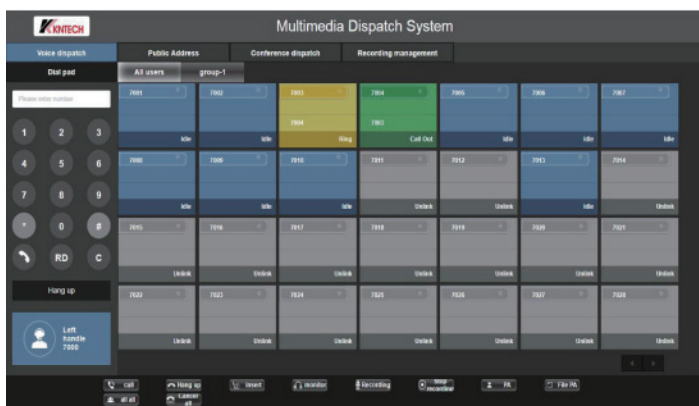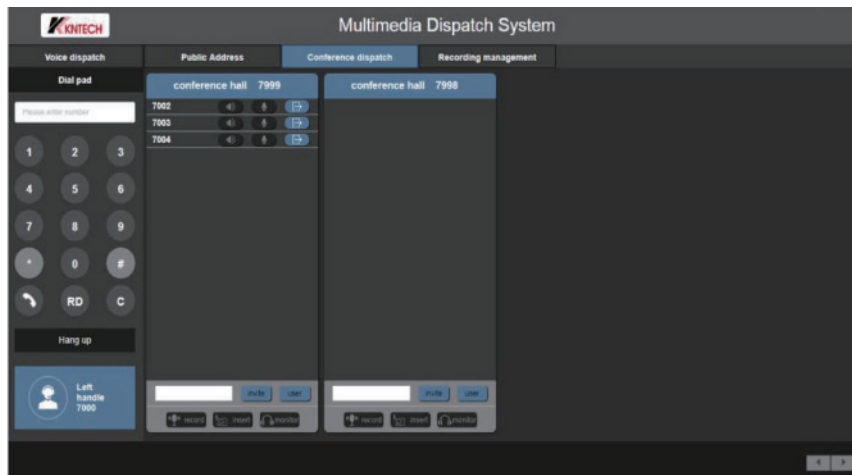| REGISTER USER	SIMULTANEOUS CALLS	MODEL NUMBER
50 line	10 line	KNTD-50
100 line	20 line	KNTD-100
300 line	60 line	KNTD-300
500 line	100 line	KNTD-500
800 line	160 line	KNTD-800
1000 line	200 line	KNTD-01K
3000 line	600 line	KNTD-03K
5000 line	1000 line	KNTD-05K

Size display :

Unit: mm

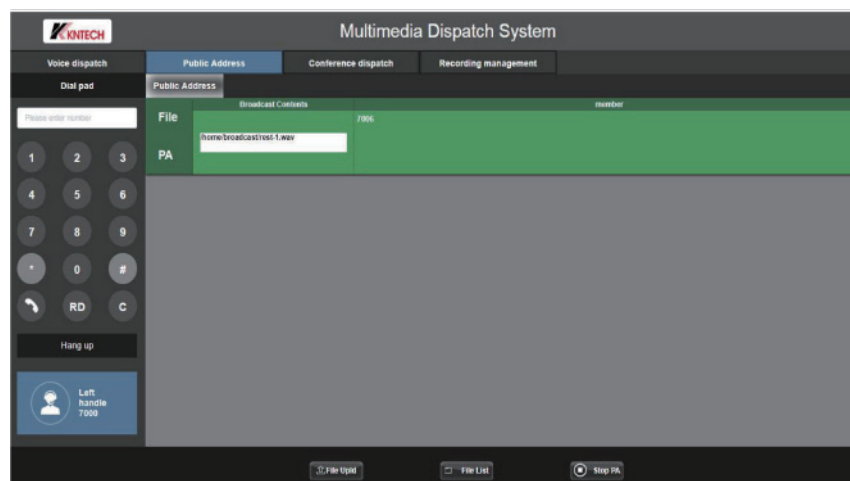## Voice dispatch-Telephone call

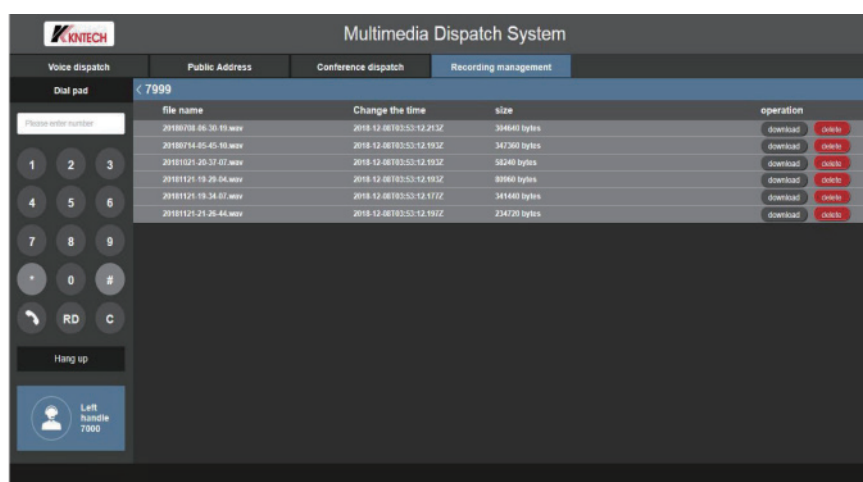Blue color means on line , green color means ringing, yellow color means busy.

Conference dispatch-Meeting room

Public Address

Configuration Manual

Emergency telephone system

Operator Console Center

SIP Server

Network Management System
Model: NMS-X1

Storage Server
Model: SV8

Network switch
Model: KNPB-24

Cabinet

Operator Console KNDDT-1-AV21

SNMP
Manager

Tunnel Telephone

IP PBX
SIP server

Video intercom

Other Systerm

SNMP

CAT6 cable

Internet

Station operator Center

KNPL-800Plus

Network switch KNPB-24

station duty room

KNZD-60PIL   KNSP-15

Station operator Center

KNPL-800Plus

Network switch KNPB-24

station duty room

KNZD-60PIL   KNSP-15

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