



KNTD-300

UC features for up to 300 users

The KNTD-300 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 300 users. This secure and reliable IP PBX delivers unified communication features at an unprecedented price point without any licensing fees, costs-per-feature, or recurring fees. Host Standby N+1 redundancy System design.

KNTD-300 server is a computer device that centrally processes and manages information, with multiple functions such as storing, processing, sharing, and protecting data.

The KNTD-300 server can be equipped with three major systems: telephone, broadcasting, and access control, and has efficient and stable performance to meet your various needs.



300 users
Supports up to 300 users,
60 SIP trunk counts,
up to 10 concurrent calls.



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



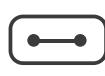
Strongest-possible
security protection using
HTTP.



4th Generation
Intel® Core™ i3 Processors



Supports IVR
(Interactive VoiceResponse).



Built-in call recording server
recordings accessed
via web user interface.



Supports call queue
for efficient call
volume management.



Linux System



Technical Parameter



Model	KNTD-300 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.7231, 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	428*259. 4*44. 6mm
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 IVR (Interactive Voice Response)
Concurrent call	Up to 300 SIP terminals can be registered, up to 60 concurrent calls
Members	Calls waiting, Call transfer, Ringing group, Subgroup, meeting, broadcast, blacklist, call / intercom, etc

KNTECH IP PABX MODEL NUMBER

REGISTER USER	SIMULTANEOUS CALLS	MODEL NUMBER
50 line	10 line	KNTD-50
100 line	20 line	KNTD-100
200 line	40 line	KNTD-200
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



Voice dispatch-Telephone call

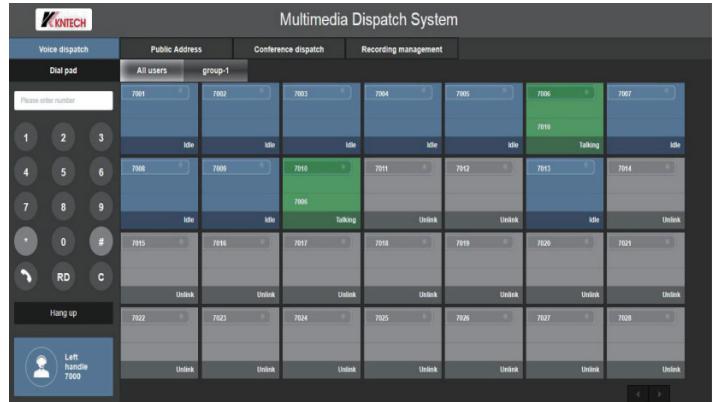
Blue color means on line , green color means ringing, yellow color means busy.

Multimedia Dispatch System



Voice dispatch		Public Address	Conference dispatch	Recording management
		All users	group-1	
1	2	7001	7002	7003 (Ring)
4	5	7004	7005	7006
7	8	7007		
*	0			
RD	C			
Hang up				
		Left handle 7000		

Multimedia Dispatch System



Voice dispatch		Public Address	Conference dispatch	Recording management
		All users	group-1	
1	2	7001	7002	7003 (Ring)
4	5	7004	7005	7006 (Ring)
7	8	7007		
*	0			
RD	C			
Hang up				
		Left handle 7000		

Conference dispatch-Meeting room

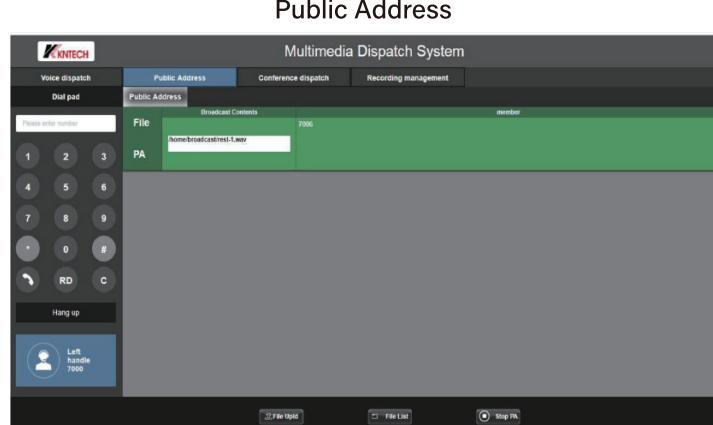
Multimedia Dispatch System



Voice dispatch		Public Address	Conference dispatch	Recording management
		All users	group-1	
1	2	conference hall 7999	conference hall 7998	
4	5			
7	8			
*	0			
RD	C			
Hang up				
		Left handle 7000		

Public Address

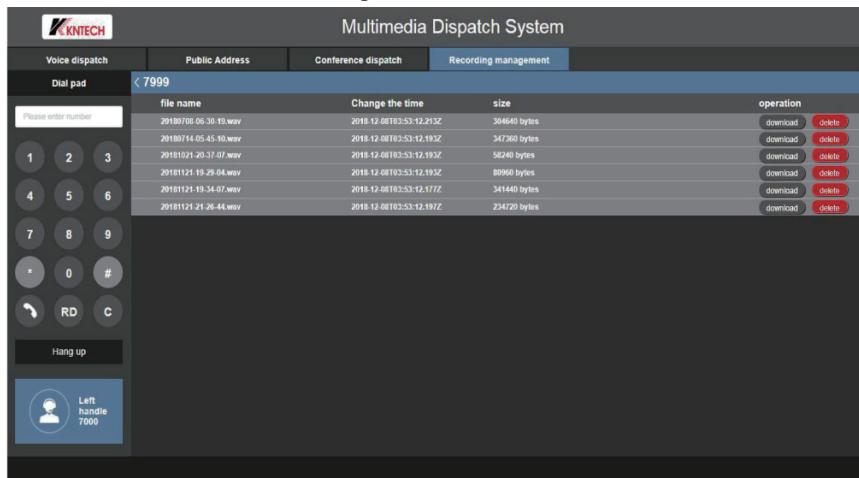
Multimedia Dispatch System



Voice dispatch		Public Address	Conference dispatch	Recording management
		All users	group-1	
1	2	File	Broadcast Contents	member
4	5	PA	homebroadcasttest.wav	
7	8			
*	0			
RD	C			
Hang up				
		Left handle 7000		

Configuration Manual

Multimedia Dispatch System



Voice dispatch		Public Address	Conference dispatch	Recording management	
		All users	group-1		
1	2	file name	Change the time	size	operation
4	5	20180708-05-31-19.wav	2018-12-08T03:53:12.213Z	304640 bytes	
7	8	20180714-05-45-10.wav	2018-12-08T03:53:12.193Z	347360 bytes	
*	0	20181121-20-37-07.wav	2018-12-08T03:53:12.193Z	58240 bytes	
RD	C	20181121-19-28-04.wav	2018-12-08T03:53:12.193Z	80960 bytes	
Hang up		20181121-19-34-07.wav	2018-12-08T03:53:12.177Z	341440 bytes	
		20181121-21-26-44.wav	2018-12-08T03:53:12.197Z	234720 bytes	
		Left handle 7000			

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