



KNTD-3000

UC features for up to 3000 users

The KNTD-3000 IP PBX appliance is designed to bring leading edge voice, video, data, and mobility 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 over 3000 users scalability by supporting up to 5000 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. ^{Hcde} Standby N+1 redundancy System design



3000 users

Supports up to 3000 users, 50 SIP trunk accounts, up to 200 concurrent calls



Zero configuration provisioning of SIP Endpoints



Strongest-possible security protection using SRTP, TLS and HTTPS encryption



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Supports up to a 5-level IVR (Interactive Voice Response)



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



Supports call queue for efficient call volume management



Multi-language auto-attendant to efficiently handle incoming calls



Integrated LDAP and XML phonebooks, flexible dial plan



Supports any SIP video endpoint that uses the H.264,

Host Standby N+1 redundancy System design

Model	KNTD-3000 IPPBX Enterprise - class unified communication system
Hardware interface	
FXS port	SIP Trunk Connect E1 / FXS / FXO
FXO port	SIP Trunk Connect E1 / FXS / FXO
Network Interface	Using dual Gigabit interface (10/100 / 1000M Ethernet adaptive) and integrated POE (IEEE 802.3at-2009)
	The third Gigabit port for the hot backup cluster
NAT router	Support (user configuration)
Reset switch	Support, Web configuration
Audio / video capability	
Speech algorithm	Support fax tone detection and automatic switching G.711, 7.29, 7.23, 7.26 encoding
Voice	G.711 A-law / U-law, G.722, G.723.1, G.726, G.729A / B, AAC2-G.726-32
Video coding	H.264, H.263, H263 +
QoS	Layer 3 QoS, Layer 2 QoS
Signaling protocol	
DTMF detection method	Support three, In Audio, RFC2833, SIP INFO
Digital signal	PRI, SS7, MFC / R2
Terminal management and automatic deployment capabilities	Support for SIP terminal plug-and-play auto-deployment (including DHCP Option 66 / multicast SIP SUBSCRIBE / MDNS Automatic detection and configuration), support TFTP / HTTP / HTTPS upgrade, local upgrade
Network protocol	TCP / UDP / IP, RTP / RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP / HTTPS, SIP (RFC3261), STUN, TLS / SIP, LDAP

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Safety	
Media encryption	TLS, HTTPS, SSH
Advanced defense	Fail2ban, Alert events, whitelists, blacklists, encrypted access controls
Physical characteristics	
Global universal power supply	Input: 100 ~ ~ 240VAC, 50 / 60Hz;
weight	Equipment weight: 4.40 Kg; Package weight: 5.20 Kg
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 300mm (W) x 45mm (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, english English
Call Center	Supports multiple call queues and queue queuing sounds
Customize Auto Attendant	Supports Layer 3 IVR (Interactive Voice Response)
Concurrent call capability	Up to 3,000 SIP terminals can be registered, up to 300 concurrent calls
Meeting room capacity	Supports up to 10 voice conference rooms, up to 100 voice conference members
Call function	Call Park, Call Forward, Call Forward, Do Not Disturb, DISA, ring Group, Pickup Group, blacklist, call / intercom, etc.