

# Yeastar K2

## Large Capacity IP-PBX for Enterprises

Yeastar K2 and K2 Lite are large capacity pure IP-PBX designed for medium and large enterprises and support respectively up to 2000 users and 1000 users. Engineered for the communications needs of today and tomorrow, Yeastar K2 and K2 Lite deliver rich enterprise-level features with exceptional reliability, and meet mobile workers' needs with Linkus UC Softphone. The pure IP telephone system can easily add Yeastar Gateways for FXS, FXO, GSM, WCDMA, ISDN BRI, and E1/T1/PRI ports.



### All-inclusive Features

The fully-fledged enterprise telephone system offers a complete range of business-enhancing features to handle everything you ask for a communication system and streamlines your operations. Advanced features like call recording and conferencing don't require any extra license fees.



### Auto Provision

Get your IP phones set up easily with Auto Provision feature. Auto Provision automatically detects phones from Yealink, Cisco, Polycom, Snom, Alcatel, Panasonic, Htek, and Fanvil and helps you configure batch IP phones. Yeastar FXS VoIP Gateway can also be automatically added and configured in the Web GUI.



### Unified Communications

Employees will benefit from seamless unified communications experience on Linkus Desktop Client and Mobile Client. Anywhere anytime connectivity, presence, instant messaging, corporate directory, visual voicemail, just to name a few of the features.



### Redundancy

Two Yeastar K2 systems, or K2 Lite systems, can create a highly available system for enterprises to prevent the unnecessary business loss caused by unexpected server failure. The failover happens immediately, so callers can still reach the people they need and business can continue as usual.



### Reliability

Backed by high-end CPU processor, Yeastar K2 and K2 Lite bring stable performance, robust quality, and future communication demand together with one reliable enterprise telephone system.



### Easy Management

An intuitive Web-based GUI gives administrator full control of the system and also provides each user with Web-based user portal to allow easy access to their call history, call recordings, voicemails, and configure their personalize settings.

## Features

- Automated Attendant (IVR)
- Attended Transfer
- AutoCLIP
- Blind Transfer
- Blacklist/Whitelist
- Call Back
- Call Detail Records (CDR)
- Call Forwarding
- Call Monitor
- Call Parking
- Call Pickup
- Call Recording
- Call Routing
- Call Waiting
- Caller ID
- Conference
- Custom Prompt
- Dial by Name
- DISA
- Distinctive Ringtone
- DNIS
- Do Not Disturb (DND)
- Event Center
- Fax to Email
- Paging/Intercom
- Linkus UC Softphone
- Mobility Extension
- Multi-language System Prompt
- Multi-language Web GUI
- Music on Hold
- One Touch Recording
- Queue
- PIN List
- Phone Provisioning
- Ring Group
- Remote Management
- Status & Resource Monitor
- SIP Forking
- SLA
- Speed Dial
- Time Condition
- User Portal
- User Permission
- Video Calls
- Voicemail
- Voicemail to Email
- Voicemail Forwarding

## Hardware

Hardware	K2 Lite	K2
Recommended Server	Dell EMC PowerEdge R240	
CPU	Intel(R) Xeon(R) CPU E-2124 - Cores: 4 - Threads: 4 - CPU Frequency: 3.4GHz	Intel(R) Xeon(R) CPU E-2144G - Cores: 4 - Threads: 8 - CPU Frequency: 3.6GHz
RAM	8 GB	8 GB
Hard Disk (Call Recording Disabled)	50 GB	50 GB
Hard Disk (Call Recording Enabled)	1 TB	1 TB
Power Supply	Cabled 250W Bronze power supplies (100–240 V AC)	
Size (W x H x D)	43.4 cm x 4.28 cm x 59.56 cm	
Weight	12.2 kg	
Operation Range	10°C to 35°C, 50°F to 95°F	
Storage Range	-40°C to 65°C, -40°F to 149°F	
Humidity	10-90% non-condensing	
Form Factor	1U Rack-mount	

## Specifications

Items	Model	K2 Lite	K2
Users		1000	2000
Max Concurrent Calls		200	500
VoIP Trunks		400 (Add Yeastar VoIP Gateways via VoIP trunks)	
Protocol		SIP (RFC3261), IAX2	
Transport Protocol		UDP, TCP, TLS, SRTP	
Voice Codec		G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC	
Video Codec		H263, H263P, H264, MPEG4	
DTMF		In-band, RFC4733, RFC2833, SIP INFO	
LAN		1 × 10/100/1000 Mbps	
WAN		1 × 10/100/1000 Mbps	
IP Services		Static IP, DHCP, VPN, Firewall, DDNS, PPPoE, QoS, Static NAT, STUN	
Voicemail		40000 min (expandable)	
Firewall		Yes	
T.38 Fax		Yes	
Hot Standby		Yes	
App Center		Linkus Server, Phone Provisioning, LDAP Server, Conference Panel, VPN Server, Billing App, Hotel App	

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