



IP voice gateway

Model: KNXS-32



KNXS-32 Technical Specification

1. Specification

Item	KNXS-32
Adapter(input/output)	input: AC 100-240V output: 12V 3A / 3.3V 5A
WAN	10/100Base- T RJ-45 for LAN, Auto MDIX
LAN	10/100Base- T RJ-45 for PC, Auto MDIX
power consumption	Standby: 15 W working: 40W
operating temperature	-5~50°C
Relative humidity	5~95% Non - Condensing
Main chip	MindSpeed M823XX
DSP	MindSpeed M823XX
CODEC	LE88266
Flash	16MB
Dimension	440mm×330mm×44mm
Weight	3KG

2. Voice features



- Support FXS Port: 32 Extension Number
- Support SIP 2.0 (RFC3261) and SIP related rfc
- Voice code: G.711A/u, G.7231 high/low, G.729
- Echo cancellation: support G.168 standard, reach to cancellation for 128ms
- long-line transmission: Support telephone line for 10KM
- Support VAD, CNG
- SIP supports SIP domain, SIP certificate (none, basic, MD5), DNS, point to point (DIALPEER setting and IP inputting) calling
- SIP support registered 32 account in the same time; Support could make calling via any account;
- Support DTFM mode: SIP info, RFC2833
- Support Fax :T.38、VBD、BYPASS
- Support SIP application, including before the call (unconditional transfer/no answer transfer/user busy transfer), call transfer (blind turn/ask), after three calls, call hold, call waiting, call a hotline number, quickly abbreviated dial, number replace rules, restrictions, call, don't disturb, caller id, outside threats ringing, outside threats ring, etc

3. Network features

- Support xDSL PPPoE and redial when out off line.
- Support VLAN (DATA VLAN and VOICE VLAN)
- WAN support DNS server function, support in DHCP mode, set dynamic DNS or static DNS address
- WAN support DHCP Client
- Support DNS Relay, SNTP Client, firewall
- Qos support TOS、DSCP

4. Management and maintenance

- Support serial interface mode and can be program updates via a serial port mode
- Support configure via website , telnet and serial port
- Support upgrade and configure the files via HTTP and FTP