

KTA3100 Datasheet

Introduction:

The KTA3100 enables high-quality feature-rich telephone service through your cable or DSL Internet connection. Just plug it into your Router or Gateway and use the four standard telephone jacks to connect your existing phones or PBX. Providing you with a high quality, low cost alternative to Long Distance services, leveraging your existing investment in the Internet.



KTA3100 Specification

Standards	IEEE 802.3 IEEE 802.3u
<u>Features</u>	
QoS Support	Quality of Service Web-Based - Internet Explorer v6 or later; Netscape
Device Management	Navigator v6 or later; or other Java - enabled browsers DHCP Server and Client
<u>VoIP Functions</u>	<u>VoIP Specifications</u>
Call Control Protocol Compliance	SIP
Voice Compression	G.711 (A-law and U-law), G.723, G.729a, G.726 Type: Loop-Start FXS interfaces FAX tone detection
Analog Voice Ports	DTMF tone detection/generation Echo Cancellation: G.165/G.168 LAN: NWay 10/100Base-TX Fast Ethernet Ports (MDI-X)
Ethernet Ports	IEEE 802.3 10/BASE-T Ethernet compliance IEEE 802.3u 100Base-TX Fast Ethernet compliance
Quality of Service	Voice service is prioritized over the data traffic T.38
FAX Support	Supports voice Packet prioritization - Example: TOS Bit TCP/IP, UDP, ARP, ICMP, TFTP, Telnet, HTTP
Network Protocols	DHCP: Dynamic Host Configuration Protocol client PPP over Ethernet Client SNMP management agent base MIB II Manage functions through an intuitive web-based
Network Management	Graphical user interface TFTP: The built-in Trivial File Transfer Protocol provides Firmware upgrade

DTMF	Inbound/outbound/RFC2833/inbound and outbound
Security	Password Authentication Protocol/Challenge Handshake Authentication Protocol (PAP/CHAP) Administration password through Web and SNMP Packet filter by IP address, port number and protocol
<u>Technical Parameters</u>	
LEDs	Power: power on LED LAN: network data being transmitted SYS: system PHONE1:phone in operation PHONE2:phone in operation PHONE3:phone in operation PHONE4:phone in operation
Number of Ports	One 10/100 BASE-TX Fast Ethernet port (WAN) Four loop-start FXS RJ-11 ports
Power Input	External Power Supply DC 12V, 750mA
Storage Temperature	-30 degrees C to 65 degrees C
Humidity	5% - 95% non-condensing
Operating Temperature	-10 degrees C to 40 degrees C
Dimensions	236×140×318mm (L × W × H)
Safety	FCC/CE
<u>Feature summary</u>	
Call Hold	You are on a call with person B and you want to make a call to C -> You can put B on Hold and call C.
Do not Disturb	Once enabled, the phone will reject any incoming call and the caller will hear a busy tone
Call Transfer	If you answer a call and then want to transfer the call to person C then there are two methods: Blind Transfer, Attendant Transfer
3-way Conference calling	While in the process of CALL HOLD, you can press flash to dial a third party's number, and then press the flash button again to connect both calls into a 3-way conference
Call Waiting	When on a call and a new call comes in, you will hear the call waiting tones. Press the hookswitch quickly or press the "Flash" key on the phone.
Call Forward	Includes offline call forwarding and online call forwarding. There are 3 types of Online forwarding: No Answer, Busy, and Always.
Call Return (Callback)	Call back the last incoming call.
Simultaneous Four-way VoIP Support	Four-way VoIP support
Caller ID Transfer	
Support T.38 FAX	
Support IP Inbound	This function can let you put this device before/over your

Relay
Support Billing
Machine Get CDR

PABX and only use 1 account on all the FXS ports.