

KTA2110(2S) Datasheet

Introduction:

KTA2110(2S) is a VoIP adapter which has 2 FXS port and 2 Ethernet port. It has Router/Bridge function which can support user use network and VoIP the same time. You can use regular phone and FAX which connect to the KTA2110(2S)'s FXS port to make a VoIP call, it will greatly reduce your communication cost.



KTA2110(2S) Specification

Network Functions

Standards

Device management

Function

VoIP Functions

Call control protocol

Compliance

Voice compression

Analog voice ports

Ethernet ports

Network protocols

Support DDNS

Support VLAN

Support Tos Diff-Serv

Support Syslog

Support DMZ

Support PPTP

Support Virtual Server

Network management

DTMF

Security

Router Specifications

IEEE 802.3

Web-Based - Internet Explorer v6 or later

Router/ Bridge

VoIP Specifications

SIP

G.711A, G.711 μ , G.723.1, G.726 G.729 audio codec and GSM

Type: Loop-Start FXS interfaces

Echo Cancellation: G.165/G.168

WAN: 10/100 Base-T Ethernet Port (MDI-II)

LAN: 10/100 Base-TX Fast Ethernet Ports (MDI-X)

IEEE 802.3 10/100 BASE-T Ethernet compliance

TCP/IP, ICMP, ARP, UDP, FTP, HTTP, Telnet

DHCP: Dynamic Host Configuration Protocol client

PPP over Ethernet Client

Telnet provisioning

Manage functions through an intuitive web-based graphical user interface

Inbound/SIP INFO/RFC2833

Password Authentication Protocol/Challenge Handshake

Authentication Protocol (PAP/CHAP)
Administration password through Web

Technical Parameters

	LAN
	WAN
LEDs	Power
	Phone 1
	Phone 2
	LAN port :(10/100 Base-T Ethernet) RJ45 port to connect with PC
Number of Ports	WAN port :(10/100 Base-T Ethernet) RJ45 port to connect to your Internet access modem or Local Area Network
	PHONE Port (FXS) Connects to your telephone or FAX.
Power input	External Power Supply DC 12V, 1000mA
Storage temperature	-10° to 65° C (-22° to 149° F)
Humidity	10% - 90% non-condensing
Operating temperature	0 to 50° C (32° to 122° F)
Dimensions	108x 72x 26mm (L x W x H)
Impedance	Can be select
Certification	FCC/CE
	Delay: Less than 400ms
Recommend usage net condition	Jitter: Less than 100ms
	Package lost percent: Less than 10%
	Bandwidth: More than 28.8Kbps

Feature Summary

Basic port	Two RJ45 ports compatible with IEEE 802.3 10/100 Base-T, Two FXS port
Log-in to Specific Softswitch Platform	Automatic searching for soft-switch platform
	Voice Active detection
	Comfort noise generation
Voice quality guarantee	Echo cancellation
	Dynamic buffer management—minimize effect to voice quality caused by audio delay jitter
DHCP	Support DHCP
PPPoE	Support PPPoE
FXS Support	Two phone (FXS) ports
	Voice Active detection
	Comfort noise generation
Voice quality guarantee	16ms echo cancellation
	Dynamic buffer management—minimize effect to voice quality caused by audio delay jitter

Functions

Dialing plan	Dialing Plan support
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Status indicator	Web displays register status
Support local update	Support local HTTP update
Router/ Bridge function	Default is router function
Support auto provisioning and auto update	Support auto provisioning, auto new version check and auto upgrade by HTTP/FTP/TFTP mode
Support Tos/DiffServ	You can have a special tag on RTP and call signal packet
Support remote configuration update	Support automatically remote HTTP/FTP/TFTP configuration update
Caller number can be transport to phone	Caller number can be transport to phone, support FSK/DTMF
Can switch to PSTN	Can make or receive PSTN call if line port be connect to PSTN
Can adjust volume	Input gain and output volume can be adjust
Hot line	The terminal will auto dial out the number you preset when you pick up the phone.
Wake up alarm	The terminal will send ring tone to phone at the time you preset.
Provide CPC signal	
Provide polarity revise signal	Can work with the billing machine which support polarity revise signal
Can automatically reject anonymous incoming call	
<u>Advanced Features</u>	
Call hold	
Call transfer	Attendant transfer, Blind transfer
Call waiting	
MWI	Support MWI information form softswitch
Do Not disturb	
3-Way calling	Support 3-way calling
Multiple lines	Support 3 different accounts register to 3 different servers. Includes offline call forwarding and online call forwarding.
Call Forwarding	There are 3 types of Online forwarding: No Answer, Busy, and Always.
Support pass through FAX	
Support T.38 FAX	