VoIP-220RS
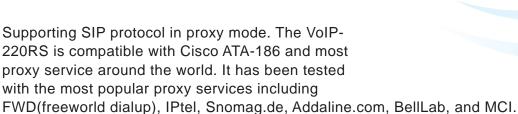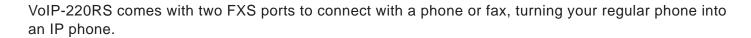
VoIP Gateway Router

FREE!
Airlive to
Airlive Calls
(Details inside)

The AirLive VoIP-220RS is a very cost effective, highly reliable Voice over IP (VoIP) gateways that offer toll quality voice and real-time fax data over IP networks. With its integrated IP sharing router, so users use one Internet line for both voice or data function.
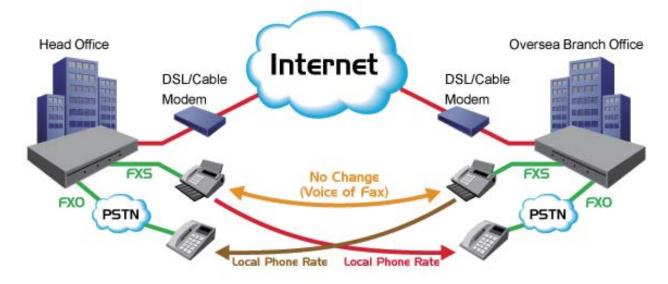
Supporting SIP protocol in proxy mode. The VoIP-220RS is compatible with Cisco ATA-186 and most proxy service around the world. It has been tested with the most popular proxy services including FWD(freeworld dialup), IPtel, Snomag.de, Addaline.com, BellLab, and MCI.

VoIP-220RS comes with two FXS ports to connect with a phone or fax, turning your regular phone into an IP phone.

Buy the VoIP-220RS today and enjoy free IP Telephony instantly.

*The router is available in 3 different configuration.

VoIP-211RS : 1FXS and 1FXO ports
VoIP-210RS : 1FXS ports
VoIP-220RS : 2FXS ports

Application

FXS :

The FXS ports connect to your ordinary telephone or FAX. Through your telephone or FAX, your can dial out through the gateway to other VoIP gateway or IP Phone.

WAN port :

VoIP gateway has a WAN port that connects to the Internet directly or to a broadband router. User also setup the web or telnet configuration through the WAN port.

* The FXS port works with analogue telephone standard only. If you have ISDN phone line or digital PBX, separate digital to analogue converter is required.

Specifications

CPU
- DSP & Control Processor
- System On Chip (SOC)
- MIPS-X5 unified RISC and DSP core (up to 180 DSP MIPS)
- 384K bytes on-chip RAM, 16-way interleaved with single cycle access
- 16-K byte cache
- Low power, 1.8V core voltage, 3.3V I/O voltage
- 2M bytes flash memory

Call Control Protocol
- Compliant with SIP v2.0 (RFC 3261)

Voice Function
- Compression algorithms: ITU G. 711, G.723.1, and G.729A/B.
- Hybrid echo cancellation G.168 (16 ms)
- Auto switch between Fax and voice
- DTMF tone detection/regeneration
- Comfort Noise Generation (CNG)
- User programmable Call Progress detection/ generation
- Voice Activity Detection (VAD)

Control Processor
- 32-bit ARM7 TDMI core
- 8K byte unified cache
- 4Kworde Write buffer

- Embedded on-chip Ethernet MAC with associated BDMA
- Local 2M x 16 SDRAM and 1M x 16 Flash

I/O Standard
- 1 x 10/100 BaseTX RJ 45 LAN port
- 1 x 10/100-BaseTX RJ-45 WAN port
- 2 x RJ 11 interfaces for FXS

Management Tools
- Web Management
- TFTP and flash memory for remote software download and upgrade

Fax Facsimile protocol
- Facsimile protocol(option): T.30 Group 3, T.38
- Modulation formats: V.21, V.27ter, V.29, V.17
- Real-time fax over IP
- DTMF tone detection/regeneration

Environment & Power
- Operating temperature: 32 to 122 F (0℃ to 50℃)
- Operating humidity: 10% to 95% (non-condensing)
- Storage temperature: 14 to 140 F (-10 to 60℃) AC-to-DC
- AC-to-DC power supply (12VDC, 100-240 VAC, auto-ranging, 50-60 Hz.)

EMI
- CE
- FCC part 15 A

Product Weight (g)
- 350 g

Product Size (L x W x H (mm))
- 228 x 128 x 28 mm

Ordering Information:

AirLive VoIP-220RS   VoIP Gateway Router

www.airlive.com