



XIPmite - The VoIP platform

XIPmite is a hardware and software platform for building very low-cost but advanced VoIP equipment, making it revolutionary price competitive in the consumer mass market.

Due to heavily optimized software, the amount of components is held at a minimum, making XIPmite extremely cheap to produce.

Key features

- Extremely cost efficient HW and SW design
- Fast event driven TCP/IP stack
- HTTP web server with active contents
- SIP protocol standard makes it possible to communicate with other IP telephony equipment
- Advanced phone functions
- Modular SW design, enables easy adding of new functions

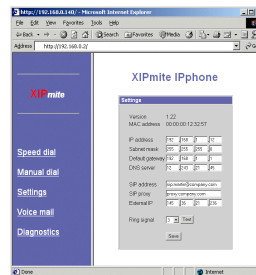


XIPmite VoIP platform

Typical target products

IP-telephones, small VoIP gateways, WLAN phones or other packet audio products.

Available products today from XIP Technology AB are:
 XIPmite IPphones, XIPmite Line
 XIPmite ATA and XIPmite Registrar.



Web management



XIPmite IPphone 100

Technical information

I/O ports

- 2 audio, tx and rx
- 9 I/O, general or keyboard
- 1 summer
- 2 LED
- 1 RS232
- 1 Ethernet

Power requirements

- 12V DC, 150mA

Physical dimensions

- 130x57x7mm

IP stack

- (description on next page)

Web server

- Active contents

VoIP protocols

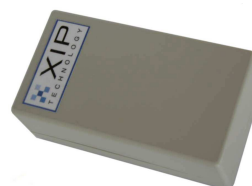
- SIP, RTP, MGCP



XIPmite Line



XIPmite IPphone 220



XIPmite ATA



XIPmite Registrar



Software

Fast event driven TCP/IP stack

Very memory efficient, consumes only 115 bytes RAM!

Dynamic content web server

Displays dynamic content from memory via tags in HTML document. Software configuration via submission of web forms. Active links makes adding HTML pages simple.

XIP management protocol

Flash memory programmable via Ethernet, modifying of electrical parameters and I/O functions.

Phone functions

SIP/SDP/RTP/MGCP functions, keyboard functions, LCD functions, ring melody generation, jitter management, DTMF functions and disconnect detection.

Hardware

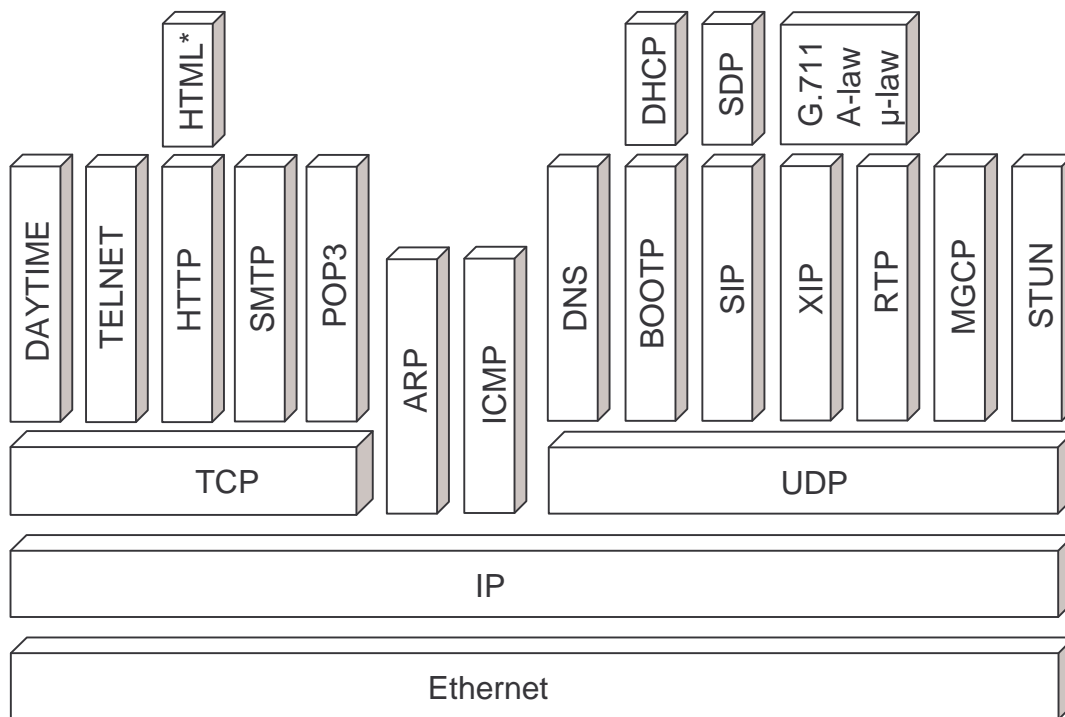
CPU efficient

Uses one of the cheapest 8 bit microcontroller (10MIPS) available on the market.

Small physical design

Few components, due to advanced software functions.

Protocol stack descripton



* Dynamic content

Contact information

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