

AastraLink Pro™ 160

The AastraLink Pro 160 is a powerful, cost-effective, easy-to-use IP Key System geared specifically for Small Business

A member of the AastraLink family of PBX solutions, the AastraLink Pro 160 is a Linux-based appliance that hosts Asterisk® open source PBX software. Targeted for 25 users and under, the AastraLink Pro provides all the standard PBX/Key System features and functionality while leveraging a host of new IP-based services. Specifically designed to meet the unique requirements of small business, AastraLink Pro enables users to quickly and easily get phones up and running by simply plugging the system into an existing LAN.



Key Features and Benefits:

✦ Feature Rich IP Key System

The AastraLink Pro delivers large PBX and Key System functionality to the small business environment. Featuring an Auto-Attendant and individual Voicemail boxes which automatically configure on initial startup, the AastraLink Pro manages and directs incoming calls to individuals or groups by extension dialing or name search. It also has the unique ability to allow the FXO ports to operate in a Shared Line Appearance (SLA), pooled or mixed line mode, allowing the user to take advantage of PBX functionality yet still operate in a mode similar to their old key system. Key System telephony features include: SLA, hold and hold alerts, paging, intercom, 3 way conferencing, corporate and personal directory.

✦ Simplified Deployment

By simply plugging the AastraLink Pro into an existing LAN (Local Area Network) it's ready to start communicating without the need of an installation technician. The AastraLink Pro will auto discover and configure any new Aastra SIP phones connected to the system making the need for a service technician to perform moves, adds and changes a thing of the past.

✦ Networking, Teleworking and Scalability

The AastraLink Pro grows as your business expands. It can host up to 50 extensions and up to 10 AastraLink Pro systems can be linked together via IP to create a WAN linked multi site office environment. Remote teleworking from a home office is as simple as taking an auto discovered AastraLink SIP phone and plugging it into your UPnP enabled home network.

✦ Affordable Solution integrates with Aastra SIP phones

With no hidden application license or user costs, or the need of an installation technician, AastraLink Pro is a cost effective and powerful small business communication system that tightly integrates with the following Aastra SIP phones and expansion modules: 6730i, 6731i, 6753i, 6755i, 6757i, 6757i CT, M670i, and M675i, 9143i, 9480i, 9480i CT and MBU 400.

- Up to 50 SIP extensions (local and remote)
- Supports up to 10 SIP Trunks
- Auto fax detection; on FXO ports, and routing to FXS ports
- Key System emulation of SLA (Shared Line Appearances) (FXO ports only)
- Visual and standard voicemail
- Voicemail to Email notification with audio attachment
- Meet Me Conferencing
- Auto-attendant (AA) with day/night/holiday scheduling and custom announcements
- Zone paging
- Easy to use soft key management via global or local user templates with the ability to print soft key inserts
- XML interface to on board Push Button Input Trigger and Relay Output
- Built in audio in/out circuitry for music on hold and external paging
- Standard Key system functions such as: Busy Lamp Field (BLF), Flexible Call Forward (CFB, CFNA, CFA), 3-way Conference Calls (3WC) and Call Park
- Enhanced system features such as: Find-Me Follow-Me (FMFM), Directed Call Pickup (DCP), Aastra SIP telephone auto discovery and FXO line monitoring via GUI
- Up to 6 Foreign Exchange Office (FXO) ports for connection to analog public telephone lines (PSTN). Each FXO is equipped with on-hook Caller-ID detection and G.168 echo cancellation

Hardware Specifications

Features

- 1 Compact Flash Slot
- Up to 6 Foreign Exchange Office (FXO) ports for connection to analog public telephone lines (PSTN). Each FXO is equipped with on-hook Caller-ID detection and full G.168 echo cancellation
- 2 Analog FXS ports; one is intended for fax and the second for lifeline
- 2 100 Mbps Ethernet ports for connection to public and private networks
- Standard 3.5mm mono audio output mini-jack for paging
- Standard 3.5mm mono audio input mini-jack for music
- 100-240 V AC (50-60Hz) auto-sensing power supply
- Wall, 19" rack and desktop mountable

Codecs

- ITU G.711 PCM

Dimensions

- Width: 11.84 inches (30.074 cm)
- Depth: 6.945 inches (17.640 cm)
- Height: 1 Rack Unit (1.1875 inches, 3 cm)
- Weight: 3.4 lbs (1.54222 kg)

Environmental

- 32-104° F (0-40° C)
- Humidity 10-85% non-condensing

Regulatory Approvals

- CSA 60950-1-03 / UL 60950-1, 1st Edition
- FCC Part 68, Industry Canada
- FCC Part 15 Class B, EN55022 Class B, EN55024

Software Specifications

Features

- 50 SIP extensions (local and remote)
- 10 SIP Trunks
- Shared Extension Support
- Direct Inward Dialing (DID) on SIP trunking
- Visual and standard voice mail
- Operator console
- Auto-attendant (AA) with day/night/holiday scheduling and custom announcements
- Interactive Voice Response (IVR) with directory number and name dialing
- Key System emulation of SLA (Shared Line Appearance) (FXO ports only)
- Busy lamp field monitoring (BLF)
- Flexible call forwarding (CFB, CFNA, CFA)
- Find-Me Follow-Me (FMFM)

- Call Park with visual call pickup
- Meet Me Conferencing
- Call/Ring groups with distinctive ring
- Remote call pickup
- Barred numbers
- Custom speed-dial
- Universal Plug-and-Play (UPnP) integration for easy setup of gateway/router
- Voice mail to email notification with audio attachment
- Intercom/Page
- Zone Paging
- Personal and corporate directories
- Administrator and User Web interface (Web UI)

Enhanced Features

- Auto discovery and self provisioning of extensions
- Auto Fax detection; on FXO ports, and routing to FXS ports
- Ability to network multiple AastraLink Pro platforms across a LAN/WAN (identified by an IP address or domain name service (DNS))
- Ability to generate call detail records (CDRs) for external billing applications
- System configuration backup and recovery via Compact Flash (CF) card
- Provides an input connection that can trigger an event notification on the AastraLink Pro. A triggered event can be sent as an email, Extensible Mark-up Language (XML) message sent to the



- phone UI, or as a recorded prompt for voice notification
- Incoming call routing selection for individual FX
- FXO Auto Tuning Wizard

Protocols Supported

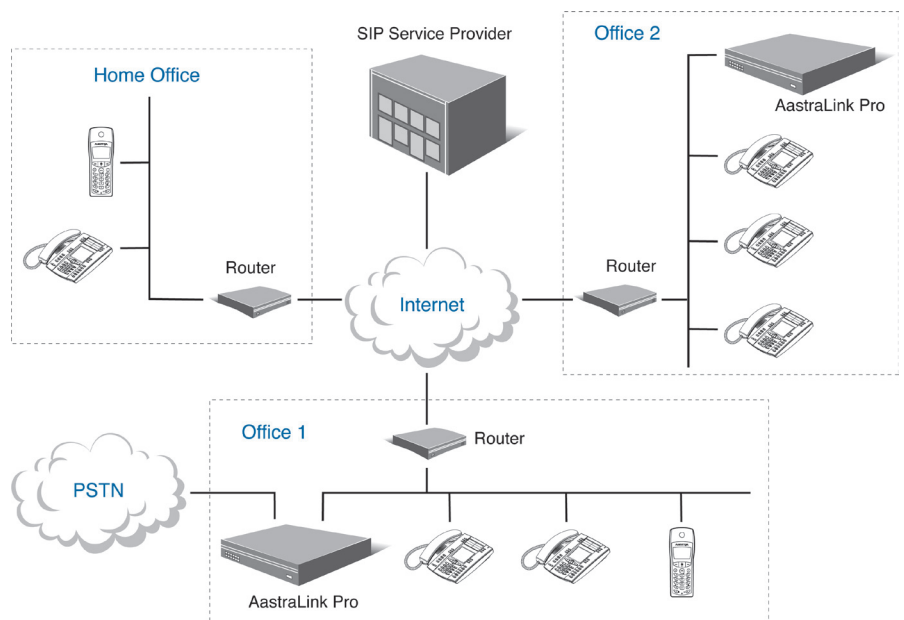
- SIP call control
- RTP and RTCP for VoIP media streams, with RFC 2833 DTMF detection
- TFTP: Trivial File Transfer Protocol
- HTTP: Hypertext Transfer Protocol
- DHCP: Dynamic Host Configuration
- SMTP: Simple Mail Transfer Protocol

Administration and Management

- Configuration and administration via web interface
- Operation and configuration of phones via web and telephone interface

Language Support

- Web and telephony interfaces support internationalization, initially available in:
 - > English (US)
 - > Spanish (Latin American)
 - > French (Canadian)



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