XR3000 Asterisk® IP-PBX Data Sheet

The XR3000 is a heavy-duty, stand-alone, pre-configured, out-of-the-box Asterisk IP PBX featuring Elastix™ Asterisk distribution. The XR3000 may be equipped with up to 32 analog ports, up to eight BRI ISDN ports, and up to 4 E1/T1 PRI, T1 CAS or E1 R2 ports in a single, 19" 2U chassis. Additional PSTN/analog phone ports can be provided by connecting up to 24 external Astribank units via the USB2 ports, for a total of up to 800 PSTN/analog phones ports, up to 1000 users and up to 300 concurrent calls.

 To see the different XR3000 configurations on our Web site click here.

Features

- User friendly Web Interface
- Interface in Different Languages
- CDR (Call Details Record) via Web access
- TDM/SIP/IAX Trunks
- Remote Extensions
- Voicemail
- Fax Support
- Voicemail to Email
- IVR Menu System
- Ring Groups
- Call Queues
- Conference Rooms

- Follow-Me
- Time-Based Routing
- Advanced Dialing Rules
- Music-On-Hold
- Paging and Intercom
- Web Access to Voicemail
- Admin Status Screen
- Package Manager (for easy updates)
- Network Settings Tool
- Phone Provisioning Tool
- Echo Cancellation - OSLEC (Open Source Line Echo Cancelation)

Software

Asterisk version	1.8x (Elastix 2.2x)
Linux version	CentOS 5.x
GUI	FreePBX
Rapid Tunneling™	Utility providing secure remote access for product support purposes
TwinStar™	High availability solution for complete Asterisk-based systems (requires two identical base units and an Astribank device). (optional)

Hardware

Processor	Intel CPU G850
RAM	2 GB
Hard disk	From 250GB 2.5" (500GB optional)
Echo Cancellation Module	Voice enhancement & echo cancellation (optional)
Analog Lines Fail-over Kit	In case of power outage or an Asterisk malfunction, up to six analog PSTN lines are routed directly to predetermined analog extensions (optional and model-specific)
USB	4 external USB 2.0
I/O Ports	Input/Output ports for Asterisk peripheral device support (optional and model-specific)
Rapid PA™	Public Address capability for FXS port(s) (optional and model-specific)

Telephony

Maximum number of concurrent calls	300
Maximum number of built in analog ports	32 (additional ports with external Astribank units)
Number of E1 / T1 ports	4 (up to 120 concurrent PRI/R2/CAS calls)
Maximum telephony modules supported internally	4 (additional Astribank ports are supported by adding Astribank units)
Maximum number of telephony ports supported internally	144 (4xE1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules *Elastix Hardware Certified*	• 8 ports FXS • 8 port FXS + I/O ports • 8 ports FXO • 2 ports FXO, 6 ports FXS + I/O ports • 6 ports FXO, 2 ports FXS • Up to 4 ports PRI/R2/CAS • Up to 8 ports BRI ISDN

Power

Power supply	Internal
Voltage	Switching, auto adjust 110/220 Volts, 50/60 Hz
Power consumption	230 Watts (maximum)
Built in grounding connection	✅

Network

Ethernet port	2x 10/100/1000 Mb/s

Maintenance and Support

- Monitor and keyboard support
- Rapid Recovery™ backup utility provided on disk-on-key (optional)
- Rapid Tunneling™ utility providing secure remote access for product support purposes
- Internet updates

Environment

Storage temperature	-20° to 70° Celsius (-4°-158° F)
Working temperature	0° to 40° Celsius (32°-104° F)
Humidity	20%-95%, non condensing

Dimensions and Weight

Weight	8 Kg 18Lbs (weight may vary and depends on configuration)
Size	19" 2U industry standard rack-mountable chassis

Specifications may change without prior notice.

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