1009601003

AlphaCom XE1

Audio Server with HD Voice

This product has been replaced by ICX-510 Intelligent Communication Gateway



Description

- Made to provide critical communication in any environment
- Supports 552 IP stations
- Environmental friendly and energy saving - max. 4 W
- Global networking and integration
- Extended Software Options
- SIM card based software configuration and disaster recovery
- Fully compatible with any AlphaCom system
- Extended memory supports future expansion and new services
- High quality professional PA broadcasting and messaging services
- Security voice guidance for public safety and building security
- Auto-attendant functionality (Automatic voice supported switchboard)
- Voice supported call guidance

With AlphaCom XE, flexibility is key. You can have just a few or thousands of users spread around different locations. Thanks to its open, modular design and scalable architecture, AlphaCom XE has the flexibility to grow with your business and adapt to your long term needs. The system can be tailored to support applications of almost unlimited specificity and complexity.

Vingtor-Stentofon's CCoIP® (Critical Communication over IP) implies the employment of Voice over IP applications required in critical situations. AlphaCom XE is designed with CCoIP incorporation which ensures the delivery of instant and secure voice and data services. The AlphaCom XE system provides carrier class system availability and protects resources in an IP environment by using embedded IP security mechanisms.

The main security mechanisms used are restricted management access, separate management interface, internal firewall and integrity check (MD5).

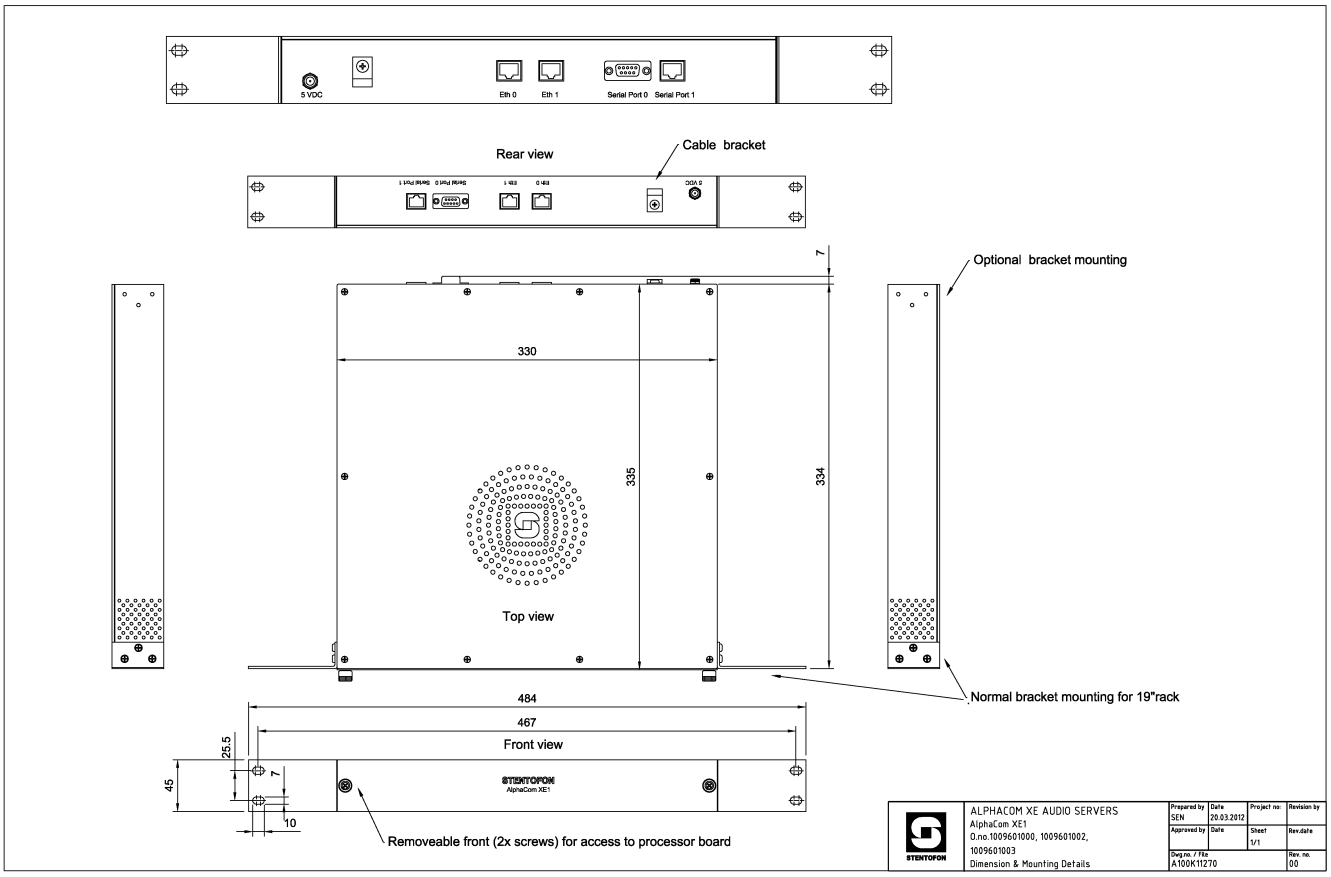
See also: additional documentation on wiki.zenitel.com | AlphaCom feature page

www.zenitel.com info@zenitel.com Last revision date: 2024-11-26 17:42

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Technical Dimensions



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Specifications

MECHANICAL & ENVIRONMENTAL

Dimensions (WxHxD)	332 x 44 x 340 mm / 13.07 x 1.73 x 13.38 inch.
Weight	2 kg / 4.40 lbs.
Power	90-270 V AC 4 W max.
Mounting	Shelf or 19” rack
Processor subsystem	Intel IXP425 with HW acceleration for packet processing and encryption
Media subsystem	DSP @ 1600 MIPS. FPGA @ 400K gates
Storage subsystem	Solid state (64 MB Flash). SIM card (IP configuration, HW-ID)
Temperature Range	-15°C – +55°C
Relative Humidity	95%

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FEATURES

Memory	128 MB SDRAM. 1 MB NVRAM
Subscriber Capacity	552 intercom stations per server
Busy Hour Call	60 000 BHCA
IP Telephones	552 IP telephones per server
Integrity check	MD5 (RFC 1321)
IP priority	DiffServ, IP TOS
IP security	SSH, HTTPS, firewall
SIP	RFC 3261, SIP INFO, RE-Invite. RFC 2833, RFC 4733,
VoIP Internal Networking	30 channels
VoIP External Networking	30 channels
ISDN Trunk	ISDN PRI (30 channels); VoIP external networking + gateway
Analog Trunk	FXO (4 & 8 channels); VoIP external networking + gateway
GSM Trunk	Quad band GSM; VoIP external networking + gateway
Other	Vingtor-Stentofon Data scripting engine (EDIO)
Configuration	AlphaPro over IP, Web
Monitoring and logging	SNMP trap, SNMP MIB, syslog, Web, e-mail, SqLite
SW Upgrade	Web, Automatic upgrade of IP station
VoIP Audio	HD Voice - G.722 (7 KHz), Telephone Audio - G.711 (3.4 KHz)
Open Duplex Conference	20 open duplex conferences can be configured. A maximum of 16 subscribers can participate in 1 conference but maximum 30 subscribers can participate divided over multiple channels simultaneously.
Push to Talk Conference	50 conference channels. Unlimited number of participants. Priority features
Group Call	250 groups. Unlimited number of participants. Priority features
Call Modes	Open mode. Ringing mode. Call request mode. Priority features
Audio messaging	PA broadcasting. Auto-attendant, Voice guidance (doors, elevators), Security voice response
Compliance	CE, FCC Part 15
Certificate	UL60950

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ITEM 1009601003 CONTAINS:

1009670001	AlphaCom XE1 Cabinet w/backplane and power adapter
1009202100	Processor Board, AMC-IP - Version 11
1009296200	SIM Card AlphaCom XE1/XE7/XE20/XE26
1009641003	IP-station license for 3 stations

Accessories



AlphaPro Professional

USB Dongle

Item Number: 1009291120



AMC-IP Version 11

Processor Board for AlphaCom XE and ESC1

Item Number: 1009202100

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