zenitel

DATASHEET

1009608106

AlphaCom XE7

With License for 6 IP Stations & 1 ASLT



HD Voice

Description

- Made to provide critical communication in any environment
- Complete system with 1 Power Supply Board, 1 Processor Board, 6 IP Station Licenses, 1 ASLT Card
- Supports 552 IP stations and 36 analog intercom stations
- Global networking and integration
- IP, SIP and analog station support
- Extended Software Options
- SIM card based software configuration and disaster recovery

www.zenitel.com info@zenitel.com Last revision date: 2023-09-29 10:43

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- 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.

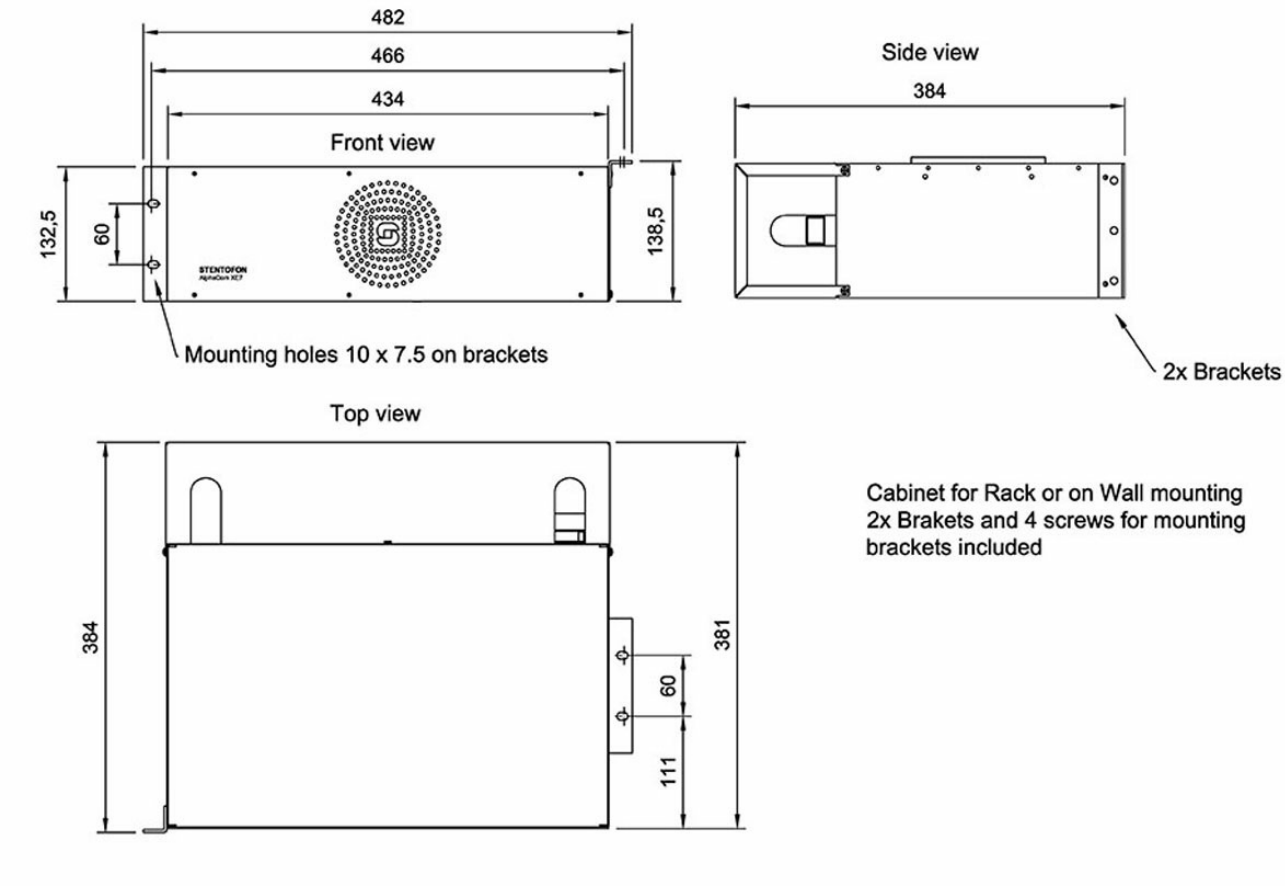
The main security mechanisms used are restricted management access, separate management interface, internal firewall and integrity check (MD5).

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

Technical Dimensions

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Cabinet for Rack or on Wall mounting
2x Brakets and 4 screws for mounting brackets included

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Specifications

MECHANICAL & ENVIRONMENTAL

Dimensions (WxHxD)	427 x 133 x 380 mm / 16.81 x 5.23 x 14.96 inch.
Weight	7 kg / 15.43 lbs.
Power	260 W max, 24 VAC with auto switchover to 24 VDC
Mounting	Wall, 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%

FEATURES

Memory	128 MB SDRAM, 1 MB NVRAM
Subscriber Capacity	552 intercom stations per server
Analog Stations	6 per line card
Analog Telephones	12 telephones per line card
Busy Hour Call	60 000 BHCA
IP Telephones	552 IP telephones per server

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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 c hannels); VoIP external networking + gateway
GSM Trunk	Quad band GSM; VoIP external networking + gateway
Other	Custom ASCII (EDIO), STENTOFON Data, Scripting engine
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
Push to Talk Conference	50 conference channels. Unlimited number of participants.

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Conference	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

Accessories



LCM

Line Connection Module

Item Number: 1009950100



AlphaPro Professional

USB Dongle

Item Number: 1009291120



AMC-IP Version 11

Processor Board for AlphaCom XE and ESC1

Item Number: 1009202100



Mains Transformer 6A

Item Number: 2030010260

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Mains Transformer 11A

Item Number: 2030010270



Connection Kit ASLT/AGA/ATLB

Item Number: 1009501100

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