

1159607200

## ACM-XE7

Module for ACM advanced system up to 6 line boards



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## Description

- ✓ Intercom module for Vingtor-Stentofon ACM ADVANCED
- ✓ Type approved solution for two way communication, talkback, public address and general alarm
- ✓ 1-BIT audio technology (20 kHz)
- ✓ Support remote services using IP and WEB technologies
- ✓ Supports IP, digital and analogue telephones and networking
- ✓ Integrated billing functionality

ACM-E7 is an advanced communication exchange designed to meet the growing needs of internal and external communication onboard ships. The exchange features crystal clear audio using 1 BIT audio technology. This makes the exchange the perfect platform for integrated public address, general alarm, talkback and telephone.

The ACM module provides an extensive set of PABX and emergency communication functions. It supports traditional, IP and wireless communication terminals made for marine environment. The ACM intercom terminals are type approved as integrated PA, GA, telephone and talkback units. Together with the ACM Advanced PA and GA modules, the systems are cost efficient where 100V speaker loops are used together with the ACM terminals to cover the areas onboard requiring PA and GA services.

The ACM E7 module is a 3HU high and fits within the Vingtor-Stentofon ACM-ADVANCED system rack. Up to 4 ACM exchange modules can be linked together using in built the IP Multi-Module technology.

The exchange is type approved for public address, general alarm, talkback and telephone. At delivery, the system is tested according to SOLAS requirements.

# Specifications

## GENERAL

Dimensions (mm)	427W x 133H x 380D (3 HU)
Power	24 VAC and 24 DC with automatic switchover
Mounting	Rack mounted
Current consumption fully equipped	24VDC 3,7A 24VAC 4,8A
Recommended room temperature	0°C to +35°C
Humidity	10% - 90% RH
Relative humidity	<95%
Capacity	Max no of boards boards: 7 , Max 36 traditional intercoms, Max 72 analogue telephone lines, Max 552 IP intercom, IP telephones or IP DECT handsets, Max 12 remote control outputs, Max 2 remote control inputs, Max 2 audio programs inputs
Tested according to	SOLAS Chapter 3
Cable type	CAT5, CAT6 or CAT7
Cable length	IP: 90 m, Traditional: 2 km (0,6 mm <sup>2</sup> )
Colour	RAL 7035
IP protocols	IP unicast - IP multicast - IP v4 - TCP UDP - Telnet - FTP – TFTP - NTP – HTTP - HTTPS - Syslog - SNMP v2c - SIP - RTP -RTCP - VoIP AlphaNet
Data interfaces	2 x 10/100 Mbps Ethernet AutoMDIX (RJ45) 1 x RS232 serial data (RJ45)
Audio technology	High resolution 1-Bit audio (20 kHz) – Wideband IP audio (8 kHz) – adaptive jitter buffers

External interface and billing	Option analogue telephone gateway, Option GSM telephone gateway, Option Vingtor-Stentofon Billing system, Option IP Multi-Module
Remote system management	Web and AlphaPro over IP
Weight	Approx 7kg
Boards	AMC-IP , 1009202000

## Accessories



### LCM

Line Connection Module