

1159620200

## ACM-XE20

Module for ACM advanced system up to 17 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-E20 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 E20 module is a 9HU 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)	482W x 265H x 3652D (9 HU)
Power	230V AC
Mounting	Rack mounted
Current consumption fully equipped	idle: 100VA Max:450VA
Recommended room temperature	0°C to +35°C
Humidity	10% - 90% RH
Relative humidity	< 95%
Capacity	
Tested according to	SOLAS Chapter 3
Cable type	CAT5, CAT6 or CAT7
Cable length	IP: 90 mm, Traditional: 2 km (0.6 mm2)
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
Remote system management	Web and AlphaPro over IP
Weight	Approx 17.0 kg
	AMC-IP, 1009202000.

Boards

AMC-IP filter board,  
1009511000, APC,  
1009301000, APC filter  
board, 1009503000, Power  
supply 230V AC-MKII,  
1009703000

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# Accessories



## LCM

Line Connection Module