VINGTOR ⬡ STENTOFON

ACM
ADVANCED INTEGRATED SYSTEM

FEATURES

- **Made for marine environment**
- **New modular building practice**
- **Advanced integration options**
- **Data network infrastructure**
- **Advanced cabling solution**
- **VINGTOR-STENTOFON integrated PA and GA solution**
- **Wide range of audio terminals and signal units**
- **External communication and billing**
- **Remote management and maintenance using IP and Web technologies**
- **Redundant power input with switchover**
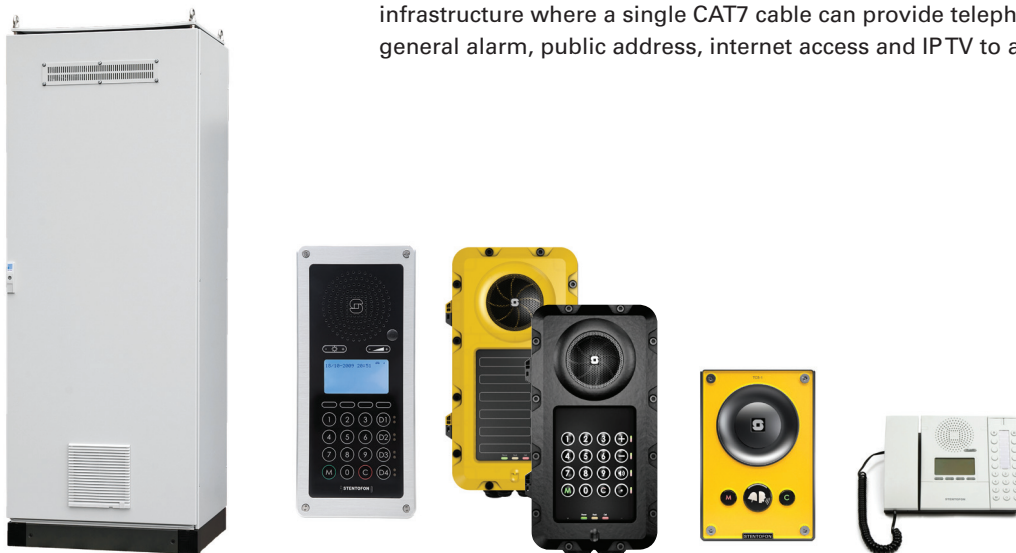- **Support VINGTOR-STENTOFON billing system**

DESCRIPTION

Using ACM Advanced Integrated IP System as the backbone, Zenitel offers a complete system for Communication, Data, Safety and Entertainment. With the system, reduced cost in infrastructure, more efficient operation, improved user experience and the confidence of type approved and certified systems are achieved.

The ACM Advanced Integrated System includes all functions and capabilities as the ACM Standard Integrated System as well as a wide range of other function and capabilities options.

The ACM Advanced Integrated System utilizes a new modular building practise. This new modular building practice allows customers to select from a wide set of function modules to provide function and capacity according to specific need.

The function modules are integrated and assembled into 19" data racks made for marine environments. By this modular building practice the system can be extended to provide audio and data communication from 30 to over 1'000 users.

The ACM Advanced Integrated System provides a type approved structured cabling system (CAT7) as the backbone. With its advanced wiring and patch solution the system supports - all in one cable. This means a significant reduction in cabling infrastructure where a single CAT7 cable can provide telephone (analogue or IP), general alarm, public address, internet access and IPTV to a cabin.

TYPE APPROVED:

THE SYSTEM IS TESTED ACCORDING TO EN 60945, AND IS TYPE APPROVED BY DNV-GL, CCS, RMRS, ABS, PRS, CRS AND LR

IP Dect

Data network & cabling

Sound Reception

External communication & Billing

CCTV / IPCCTV

Digital Intercom stations

Remote Management

IP TV/Infotainment

IP Stations

Master Clock

Analog Telephones

Public Address & General Alarm

SYSTEM UNITS ACM ADVANCED

ORDER NUMBER	DESCRIPTION
ACM Intercom modules	
1159607200	ACM-XE7 Module
1159620200	ACM-XE20 Module
1159626200	ACM-XE26 Module
External Communication	
3006204094	MP-114 Analogue Media Gateway - 4FXO
3006204099	MP-118 Analogue Media Gateway - 8FXO
3006204002	92522 GSM Gateway - quad band 850/900/1800/1900 MHz
3006204153	GSM Dual Band with Voice & FAX terminal
2200003000	GSM Media Gateway
3006204005	92580 GSM Multi Band Antenna with 10m Cable
3006204006	92580 GSM Multi Band Antenna with 20m Cable
System management & Networking	
1009291100	Alphapro professional, parallel port dongle
1009291120	Alphapro professional for USB
1009647902	Billing – 2 external trunks
1009647904	Billing – 4 external trunks
1009647908	Billing – 8 external trunks
1009647916	Billing – 16 external trunks
1009647932	Billing – 32 external trunks
2220050012	INJKIT-PSU 8 port switch w/6 ports PoE injector w/power supply
2220050013	INJKIT-NOP 8 port switch w/6 ports PoE injector wo/power supply
1154003100	4 Port Poe Switch And 1 Regular Ethernet Port W/ Power Supply
1008080110	FCDC1 Flowire Ethernet Converter, DC voltage
1154002100	Data Switch - 5 X Ports Ethernet Switch Econ 2050 - Din Mounted
1009648500	Basic Audio Messaging License
1009648501	Enhanced Audio Messaging License
1009648502	PA Recall License
Public Adress and General alarm Modules	
1152100001	Conventional PA Control Unit
1152100002	PA and GA Redundant Control Unit
1152100004	Loudhailing Logic with Interface to ACM Module
1008095100	IP-ARIO Audio remote I/O unit
1152000001	19" Power Amplifier 120W/100V - 220V AC/24V DC - 3HU +1HU vent
1152000002	19" Power Amplifier 240W/100V - 220V AC/24V DC - 3HU+1HU vent
1152000003	19" Power Amplifier 400W/100V - 220V AC/24V DC - 3HU+1HU vent

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IP Intercom	
1008111010	TCIS-1-Turbine Compact IP Standard-1
1008111060	TCIS-6 Turbine Compact IP Substation
1008122010	TFIE-1 Turbine Full-Size Industrial IP Extended-1
1008122020	TFIE-2 Turbine Full-Size Industrial IP Extended-2
1008123010	TFIX-1 Turbine Full-size EX Intercom Station-1
1008123020	TFIX-2 Turbine Full-Size EX Intercom Station-2
1008123030	TFIX-3 Turbine Full-Size EX Intercom Station-3
1008123010	TFIX-4 Turbine Full-Size EX Intercom Station-4
AK5850HS	A-Kabel TwinCom Headband Headset ATEX
1023533312	EMMAI-2H Handheld Industrial Microphone, Compact
1008140225	TA-22b 10m Cable and Plugbox with PTT for Industrial Headset
1008140230	TA-23 Industrial Handset + PTT
1023533511	EMMAX-1H Handheld Microphone with PTT for Ex Applications
1008150025	TAX-2b EX-approved Cable for headset with PTT
1008150030	TAx-3 EX-approved Handset w/PTT, unterminated
Traditional intercom	
1007072090	VMP-D619B Low/Loudsp. w/Display/Vol.Override, D-10 Keys, Black
1007034210	VMP-619 Main Station Low/Loudspeaking and D-10 Keys, Ivory
1020600305	VMP-530 Main Station, Wall Mounted w/o Loudspeaker 26033, IP-65
3006202035	VMP-530VHM Main Station w/Handmic., IP-66
1020600315	VMP-503 Main Station, Wall Mounted with Loudspeaker, 26034, IP65
3006202031	VMP-503PA Main Station, Portable w/5m Cable with 4-PIN Plug, IP-65
1008114010	TCAS-1 Turbine Compact
1020159000	CD-4 Plug Box 4-PIN, IP-66
1020600750	VMP-36-PEL Headset w/ Mic, on/off, 10m Cable w/o Plug IP-54
3006202029	VMP-36-PELP Portable Headset w/Mic, on/off, 10m Cable w/plugIP-54
3006090486	MT9 Throat Mic. MT9 for VSP-36-PEL/PELP, P-MT7, VMP-36-PEL/PELP
3006202007	CD-7-VMP Plugbox WT-IP-66 with Switch, IP-66
1007034210	VMP-619 Desk Master Station Desk or Wall w/ Handset and D- keys
1007072090	VMP-D619B Desk/Wall Master Station with Handset and Display
3006202024	211 Handset for Industrial Stations Wall Mounted, IP-44
1020600700	VMP-250 Handset for Industrial Stations Wall Mounted - IP-66
3006202023	VMP-204 Amplifier f/Pamex/VMP Ver.01, IP-65