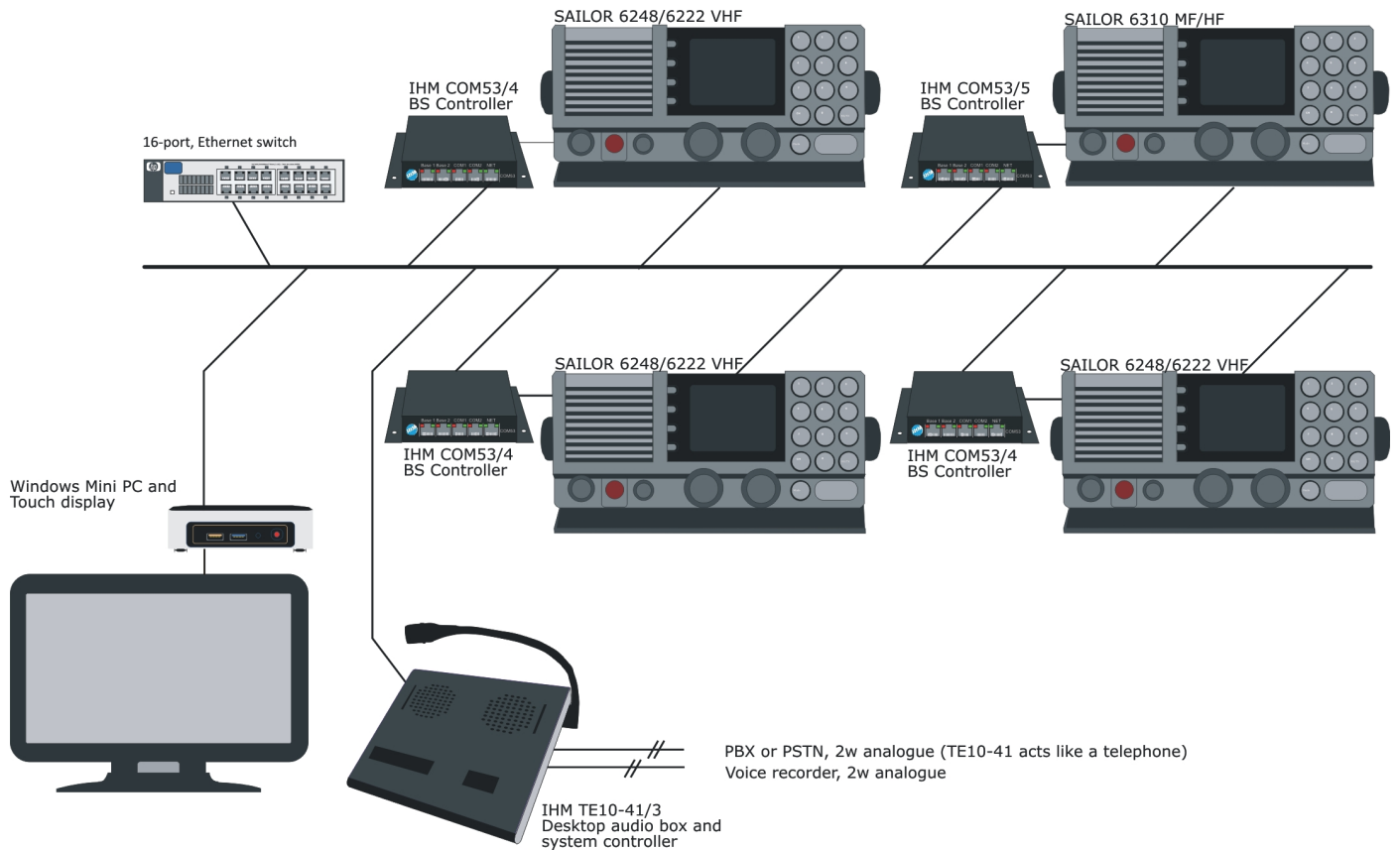


COMMUNICATION SOLUTION FOR HARBOURS

IHM SAILOR

DATASHEET



IHM's maritime communication system for Sailor radios, IHM SAILOR, is a standardized solution developed for harbours using multiple radio units. The various types of radio units, VHF and MF/HF as well as telephony can be connected and combined in one single control system. This ensures flexible and efficient communication.

IHM SAILOR is developed for harbours with one single control system and a need for up to 4 radios.

Functions

The solution includes:

- 1 single control centre
- Remote control of Sailor radios
- Remote control via IP Interface
- Two-way communication
- Automatic recording and personal replay functions
- Automatic logging of activities
- Handling of telephone calls
- Simultaneous communication on more radio channels
- Cross channel connection
- Conference interconnect

Hardware

The solution includes the following hardware:

- 10,1", 15,6" or 22" PC solution with touch function
- Operator-unit with built-in VoIP-switch and gateway
- Analogue PSTN interface
- Analogue Voice Logging
- Interface to:
 - SAILOR 6248/6222, IP interface and software
 - SAILOR 6310, IP interface and software
- Switch and firewall holding of DHCP server

Software

The solution includes the following software:

- Standardized IHM software for maritime systems (GMDSS compliant)
- MS Windows 10
- MS SQL EXPRESS 2014 or later
- TeamViewer
- DHCP server
- IHM WinServ32 - Communication Server
- IHM AppServ - MCS Application Server
- IHM OperMain - MCS Operator Software, all standard functionalities inclusive

Options

Functionality, which can be added to the system:

- DSC

Other solutions

IHM has various standard plug 'n play communication solutions designed for maritime and offshore industries.

For an overview of our communication solutions, please check our website: www.ihm.dk/en/industry-solutions/maritime.



COMMUNICATION SOLUTION FOR HARBOURS

IHM SAILOR

DATASHEET

PRODUCT	MODEL	MANUFACTOR	KEY FEATURES	DIMENSIONS
IHM SAILOR, incl.				
Operator audio box, incl. switch and gateway	86-TE10-41/3	IHM	Built-in loudspeaker, gooseneck microphone and PTT button. Sockets for headset, handset and gateway modules (PBX/Voice logger). 84-PS7, 230V AC to 15V DC power adaptor included	240x80/20x200mm, 2.2kg
Windows Mini PC	84-PC-BASIS14	INTEL	I3-7100U, 4GB RAM, 120GB SSD	115x111x35mm excl. power adapter 1kg
16 port Ethernet Switch	84-PC-Hubs/16	HP	Holding sufficient ports to setup a complete system locally	16 port 10/100/1000Mbit 1U switch, 230V AC consumption 13W
Software package	IHM-MCS Standard	IHM/MS	Includes MS Windows 10, MS SQL EXPRESS, DHCP server, TeamViewer, WinServ32, AppWinServ and OperMain	Installed on the Operator PC
Radio Base Station Controllers				
VoIP controller SAILOR 6248/6222	87-COM53/4	IHM	Powered from the radio, Interface cable SAILOR 6248/6222 VHF included	110x130x28mm, 0.2kg. 10.8-28V DC max. 200mA
VoIP controller SAILOR 6310	87-COM53/5	IHM	Powered from the radio, Interface cable SAILOR 6310 MF/HF included	110x130x28mm, 0.2kg. 10.8-28V DC max. 200mA
Operator Terminal Options				
10,1" touch display	84-PC-Monitor20	ELO	1280x800 touch screen	218x29x137mm without stand 2kg
15,6" touch display	84-PC-Monitor21	ELO	1366x768 touch screen	346x33x195mm without stand 3kg
22" touch display	84-PC-Monitor22	ELO	1920x1080 touch screen	551x382x193mm 7.5kg
Handset	84-TR11-10/02	IHM	Handset with 2m cable, spiral cord	
Cradle	84-TR11-50/2	IHM	Retainer for handset, without lock	
Foot Operated PTT Switch	84-B-34-9901/2	IHM	198 mm pad, 2m cable included	198x198mm
Wired headset	HME46	Sennheiser	Sennheiser HME46 incl. PTT cable	