

VDR/S-VDR

Voyage Data Recorder

HMT-100/S100



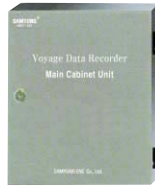
- ▶ Fully meets IMO MSC.163(78), IEC 61996-2, IEC-60945, IEC-61162 and other international standards.
- ▶ Developed and manufactured by COSPAS-SARSAT regulation.
- ▶ Advanced GPS engine provides faster position(LAT/LON) and precise information.
- ▶ Easy installation and stability, trustworthy design.
- ▶ Operation and alarm information are displayed in LCD monitor at the remote device.
- ▶ Minimum expenses to select various options based on vessel's type & use.
- ▶ Protect final record from UV rays, Salt Water, other pollution source (Including automatic release case)

Voyage Data Recorder VDR/S-VDR

SPECIFICATIONS

1. Main Cabinet Unit

- Voyage data recording cycle : 12 hours(24 hours changed by memory).
- Serial Input : RS422 interface 6 channels(optional 24 channels).
- Audio Input : Microphone 6 channels, VHF 2 channels.
- Video Input : Two radar signal
- Ethernet Port : 2 channels(replaying S/W)
- Serial Port : 1 channel(connecting to monitoring PC)



2. Remote Alarm Unit

- Alarm sound/screen display, hold alarm sound for 2 minutes.
- Mandatory device interfacing and operating status are displayed at the LCD repeater.
- Self test & alarm lamp are displayed by lamp, button.



3. Power Supply Unit

- AC 110/220V 50/60Hz, DC 24V
- Internal rechargeable emergency power is available to work over 2 hours while the main power shut down.



4. Final Recording Medium

- Advanced GPS engine provides faster position(LAT/LON) and precise information.
- Developed and manufactured by COSPAS-SARSAT regulation.
- High performance battery inside makes it operating over 168 hours(7days) than regulation.
- The capsule works as below conditions.
 - Shock : 50g for 11ms according to IEC 60068-2-27.
 - Fire : 10 hours at 260°C, 1 hour at 1,100°C according to ED56A.
 - Deep waters pressure & inundation : 30days at 60mpa(6,000 meter depth) by ED56A.



5. Microphone Unit

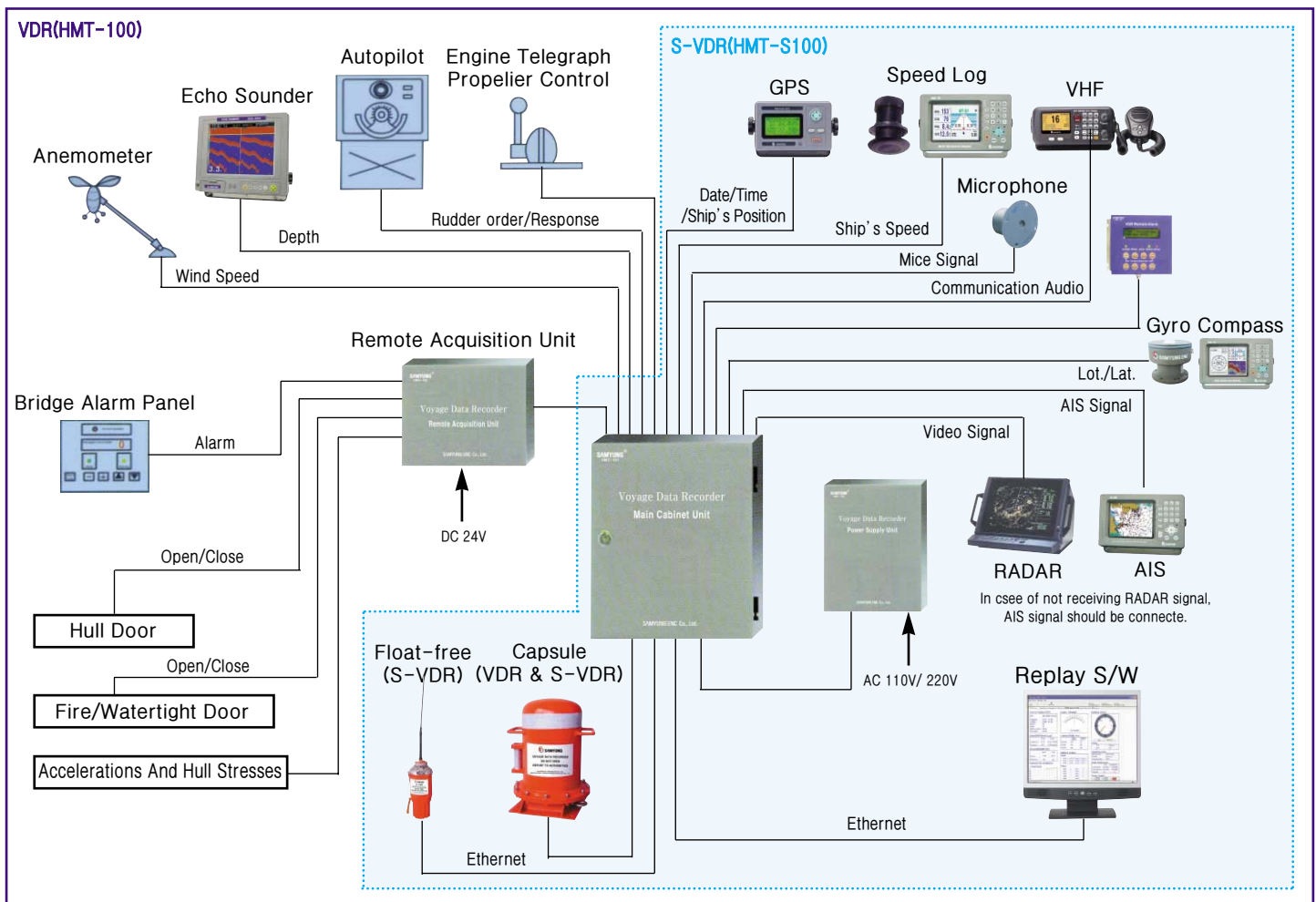
- Self test function
- For internal & external use based on waterproof (protected against water jets).



6. Replay Software

- Check S-VDR record & operating status (Radar, Microphone, VHF, GPS, Speed Log, GYRO signal etc...)

VDR/S-VDR System Chart



* Specification is subject to change without pre-notice



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