星天海洋
STARTEST MARINE



XTSS-01
Depth Recorder

Product Overview

XTSS-01 is a small, efficient and compatible multi-channel data bathymetric recorder developed autonomously by skytechnologies, which can be hidden in the cabins, equipped with large-capacity solid disks and low-power consumption embedded processing platforms, capable of providing simultaneous acquisition, encrypted storage, data relay and remote monitoring via satellite communication equipment, RDSS global short-link communication equipment to the receiving and receiving port onshore, through an interface of vessel equipment compatible with RS232/RS422-style survey equipment, including bathymetric meters, positioning time equipment, etc.



1 RDSS Global Communications equipment for short-term messages (boat carrying)



2 Satellite communications equipment (boat carrying)



3 Ship equipment (boat carrying)



4 Ship equipment (boat carrying)



5 GPS positioning timing device (boat carrying)



6 GPS positioning timing device (boat carrying)



[Product Features]

- Accomplishs the monitoring, storage and relaying of signals from multiple measurement types at the same time
- Serial protocol automatic recognition: RS232, RS422
- Confidentiality: encrypted data storage to prevent secondary loss of data
- Data acquisition function: synchronizing data collection in support of multi-scale survey measurement devices
- Data storage function: Support multiple data storage formats
- Recording cycle: more than 2 consecutive years
- Sampling frequency: 1 time/minute
- Data return function: Supporting ship-mounted satellite channels for real-time re-entry of water depth, positioning, attitude Data (marine) etc. (if real time returns are not possible, a copy of the return should be supported)

[Technical Specifications]

Ship equipment interface	Number	4 (Away 1 ~Away 4)
	Formula	RS232 formula/RS422 formula
	Direction	Full-time job.
	Form	8 Core Aviation Plugin
	Porter Rate (bps)	300~115200 bit/s
Hard Disk	Hard Disk Type	Solid-state hard drive
	Protocol interface	SATA3.0
	Storage capacity	2TB
	Dimensions	2.5 inches
	Self-destruct.	Supporting one-key self-destruct

[Electrical Specifications]

Ship power.	Rating voltage	220VAC±5%
		Frequency: 50 Hz (1)(10%)
	Rating Power	10W
The fuse.	Specifications	220V/3.15A

[Physical Specifications]

Physical Specifications	Outer Dimensions	260x170x80mm (long x widex high)
	Weight	2.3kg
Environment	Operating Temperature	-10℃ ~ +50℃
	Work Humidity	95%, no condensation.
	Storage Temperature	-20℃ ~ +60℃

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