Blue Box ◯

Digital Vessel Recording System

Blue Box is a hardened Digital audio/video recording system that is capable of capturing Radar, Charts, Camera Video, AIS, VHF Audio and other optional sources continuously.

The system can be connected to your vessel network for remote viewing/listening, downloading of recorded data and system setup changes. Blue Box can also alarm letting you know when there is a problem.

Solid State Drives, HDMI and ESATA outputs are some of the latest features. Blue Box also has an onboard USB for local backup.

- Radar Video
- VHF Communications
- Analog Video
- IP Video
- Vessel Network
- 28 Days Backup
- RAID Setup Options
- 8 or 16 Channel Systems

IMS

Blue Box

Digital Marine Vessel Recording System

Blue Box Specifications

System	Main Processor	High performance embedded microprocessor
	Operating System	Embedded LINUX
	System Resources	Pentaplex function: live, recording, playback, backup & remote access
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	Input	8 or 16 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
	Output	BNC, VGA or HDMI
Audio	Input	4 channel, Solid State VHF Audio Module
		Channel 1 for bidirectional-talk input synchronously
	Output	1 channel, BNC(200-3000mV, 5KΩ)
Display	Display Split	1/4/8/9
	Resolution Tour	1280×1024, 1280×720, 1024×768, 800×600, 1366×768
	Display Privacy	Support
	Masking	4 self-defined four-sided zones for privacy masking for each camera
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording/ Backup	Compression	H.264 / G.711
	Image Resolution	QCIF, CIF, 2CIF, D1, HD1, HD960
		Channel 2~8: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)
		Extra Stream: QCIF(1~25/30fps), CIF (1~6/7fps)
	Backup	Flash drive/ USB HDD/ Network download
Network	Ethernet	RJ-45 port (10/100M)
	Functions	TCP/IP, UDP, DHCP, DNS, DDNS IP Filter, DDNS, FTP, SNMP Trap, Email, Alarm Server
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	eSATA	Single drive or RAID1 Mirrored Setups are available
eSATA	External Storage	eSATA external storage
	HDD Management	Hard disk hibernation technology, HDD faulty alarm
USB	Interface	2 ports, 1 for mouse control, 1 for backup
RS232	Interface	Keyboard, PC communication
RS485	Interface	PTZ control
Power	Power Supply	AC 100~240 V, 50/60 Hz
	Consumption	35W with Cooling Fans Running
	Environment	(-10+55℃) / 10~90%RH / 86~106kpa
	Dimension	17.56 x 18.13 x 7.88
	Weight	15LBS (without HDD)

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