SurfVision HD Powered By SEATRONX

Video Recording & CCTV Systems
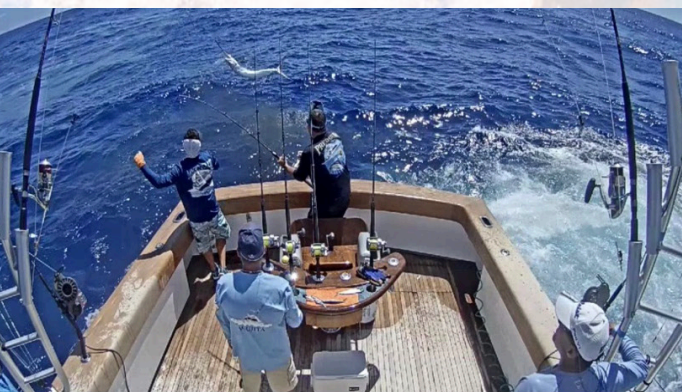
SEATRONX

Our Vision is Your Vision

NVR-8001 Network Video Recorder

The NVR-8001 is designed by fishermen for fishermen. The result is the perfect video recording system for recreation and tournament fishing. With easy to use commands and remote operating capability, you get high definition footage of all your memorable moments instantly at your disposal. A built in network allows you to start and stop recording and forward video to your friends and family via your iPhone, iPad and soon via Android smart device.

Record and forget – Its that simple. The NVR-8001 lets you record multiple cameras all day or all week and can even mark events for easy retrieval. You will never miss any of the action again. The NVR-8001 works wonderfully with most IP cameras but is a proven grand slam when paired with our marine custom cameras and any other make cameras.

Features:

- Simple To Use, Simple To Install, Plug & Play Action
- High Definition Network Video Recorder with remotely start/stop activation using iPhone/Android via built-in WiFi
- 30 FPS Real Time Recording in all cameras at the same time
- Accept multiple camera models from different vendors
- Remotely record video clip or snapshot to time-stamp action for quick review
- Remote live view or playback using your iPhone/iPad iOS devices – no need for a PC on board
- Transfer video clip or snapshot to your smartphone and email right away without the need of a PC
- Export any camera video clip or snapshot to the NVR-USB port from your iPhone/iPad or your PC
- Software with live view-playback features including export to NVR-USB port or PC hard drive for third party editing
- Built-in POE hub (model NVR-8001) to connect up to 8 cameras or add external POE hub for additional cameras
- Built-in hard drive (1Tb or 2 Tb) or removable hard drive - Take your video with you
- 12V/5A or 12V/10A input that allows connection to 12V regulated power input device or 110 volt input
- SoC – AllWinner A80 octa core 4x Cortex A15 @ 2.0GHz, 4x Cortex A7 @ 1.3GHz, and Imagination PowerVR G6200 GPU
- System Memory – 2GB DDR3
- Video Output – HDMI 1.4 or VGA
- Connectivity – Gigabit Ethernet, dual band Wi-Fi 802.11 b/g/n up to 300 Mbps
- USB 2.0 host ports
- Compatible with NTSC or PAL IP Cameras Day Night and Thermal Cameras

SurfVision HD Systems Mini PC Specs:

Intel Quad Core i&-8650U CPU@1.90HGz Turbo Boost 4.20GHz

Intel® UHD Graphics 620

Intel Wifi 802.11ac 2x2 vPro + BT 4.2 M.2 2230

Max Resolution 4096x2304

Video Output HDMI 2.0a (2), eDP capable

Inputs USB 3.0 (4)

8GB DDR4 Memory

128GB M.2 SATA SSD

2TB Hybrid SSHD High Performance Hard Drive

Windows 10 Pro x64

Wireless Keyboard and Mouse (Black)

RS-232 Serial Port DE-9P (752-0003-002)

Mounting bracket (Black)

3-Year Extended Warranty – Parts Labor outbound shipping

SurfVision MB-8000 - NVR/PC Server with Windows Software Features

The new mini MB-8000 NVR/PC system combines all the functionality of the NVR-8001 with the additional expanded capabilities of a robust windows pc, allowing for custom configurations and functionality with CCTV, Security, Navigation, Vessel Monitoring or any other Windows applications you desire. This system is simple to assemble and comes complete with all you need to get your network up and running quickly. The robust design is ideal for both Marine and Industrial applications.

The SurfVision Marine NVR Bundle

SurfVision HD Systems

Mini PC plus

SurfVision Software

Netgear POE Switch plus Access Point

Camera Specifications

Bullet Camera Specifications

Camera	
Image Sensor	1/2.9" (effective) progressive scan RGB CMOS
Lens	Fixed iris 2.8 mm, F2.0 Horizontal field of view: 111° Vertical field of view: 61°
Min illumination	Color: 0.22 lux
Shutter time	1/32500 to 2 s
Video	
Video Compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1080p
Frame rate	25/30 fps (50/60 Hz)
Video streaming	Multiple, individually configurable streams in H.264
Network	
Security	Password protection, IP add filter, HTTPSa encryp, IEEE 802.1Xa network access control
Supported protocols	IPv4/v6, HTTP, HTTPSa , SSL/TLSa , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
General and Improved Features	
Casing	Marine grade aluminium enclosure water resistant
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 4.0 W, typical 2.5 W
Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10-85% RH (non-condensing)
Cable color and length	Black color (26' long), White color 45' long
Removable cable	Connecting cable can be easily replaced
Warranty	3-year warranty

Dome Camera Specifications

Camera	
Image Sensor	1/4" CMOS Sensor
Lens	Fixed 3.6mm / F2.0 - Horizontal Field of View: 80˚
Min illumination	0.1 Lux (LED's OFF), 0 Lux (LED's ON)
Illumination	12 x Infra Red LED's 850nm - 10 meter range
Bitrate	32Kbps - 8Mbps
Video	
Video Compresion	H.264 Video Codec, Dual Stream
Resolution	720 or 1080p
Frame rate	Adjustable
Video streaming	Multiple, individually configurable streams in H.264
Network	
Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Supported protocols	TCP/UDP/HTTP/Multicast/UPnP/NTP/ RTSP/Onvif
General and Improved Features	
Environmental	Marine grade IP66
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 4.0 W, typical 2.5 W
Dimensions	58mm x 57mm (Aprox size of a golf ball)
Temperature	minus 35 ˚C to 65 ˚C, Less than 95% RH

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