



Key Features:

- Rugged Construction with Anti Vibration Hard Drive, Anodised aluminium plates with wood effect ABS plastic cheeks
- Hybrid Inputs - Supports IP, CVBS, AHD, TVI, CVI
- HDMI Video Output
- Integrated Video Web Server
- Removable HDD For Easy File Transfer
- USB Interface for Configuration & File Transfer
- Supports up to 16 2MP IP Cameras, 8 x BNC Inputs (for CVBS, AHD, TVI, CVI)
- HTML Server Application (Optional)
- RS485 Serial Data Interface
- Low Power Consumption
- Easy Remote Access - View and Control Cameras via Smartphone / Tablet / PC

Applications:

- Work Boat & Commercial Shipping
- Luxury Motor Yachts
- Fishing, Sports Fishing & Hunting
- Ferry Boats & Passenger Vessels
- Law Enforcement & Emergency Services
- Rapid Deployment Applications
- Vehicle & Transport Applications

Central to any on board CCTV and security system is the digital recorder. Iris's new range of hybrid recorders are designed with solid state technology to make them suitable for use on board boats of all sizes and other mobile applications. Each model is housed in a moisture proof enclosure and waterproof field connectors are supplied.

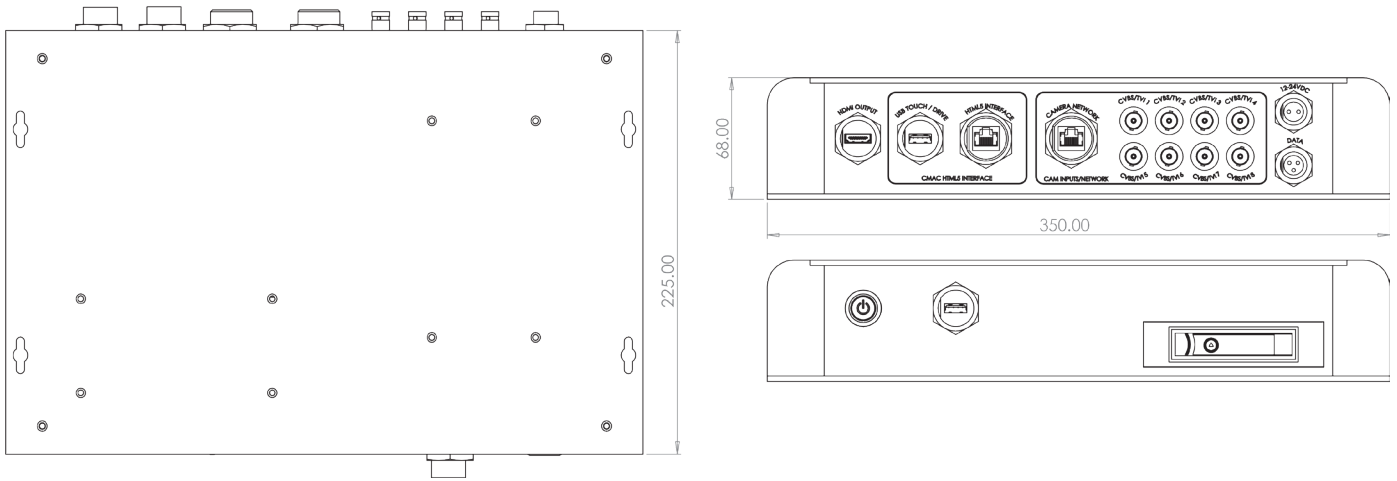
The HVR0816 features 8 x BNC inputs for connecting CVBS, AHD, TVI and CVI video format cameras, with capacity for up to 16 IP cameras at 1080P resolution via the units ethernet port. PTZ cameras can be controlled over ethernet or via the built in RS485 serial data port.

Storage is provided in the form of a 2.5" SATA II HDD via an anti-vibration quick eject caddy to allow the drive to be removed for file playback and transfer remotely. The device can also be specified with a second hard drive option.

The unit can also be configured with a built in HTML5 server to facilitate our IRIS CONTROL camera management and control application. This modification also provides an additional USB interface to facilitate device configuration and software upgrade / file upload capabilities.

Local viewing is provided via the HDMI interface which displays high resolution video output to your on board monitors or MFD. To display on multiple devices Iris provide a range of HDMI switchers and amplifiers.





Specifications:

HVR System Processor	Hi3521D
Video Codec	H.265
Camera Inputs	8 x BNC Female Connectors for CVBS, AHD, HD-TVI, HD-CVI Camera Inputs
Network Camera Capacity	Up to 16 Cameras (at 1080P) via Camera Network RJ45 10/100 Connection
Network Camera Resolution (Recording)	16 x 2MP, 4 x 5MP, 4 x 3MP
Hybrid Camera Resolutions (Recording)	8 x 4MP ANALOGUE + 8 x 4MP IP
Analogue Camera Resolution (Recording)	8 x 5MP, 8 x 4MP, 8 x 2MP (CVBS, AHD, HD-TVI, HD-CVI)
Additional Network Connectivity	Network RJ45 Gigabit Connection for Hosting HTML5 Iris Control Camera Interface Application
Storage	1 x 2.5" SATA II Drive Caddy 8TB capacity / Second Drive Bay Option Available
Video Output	1 x HDMI Output
Serial Data Port	Built In 3 Pin Connection for RS485 Serial Data / PTZ Control (Multi Protocol Support)
USB Interface	2 x USB 3 Drives / Drive 1 for Processor Board Functions (USB Touch, File Upload etc) / Drive 2 for NVR Features (File Transfer, NVR Mouse + KBD)
HTML5 User Interface	IRIS Control Camera Management HTML5 Application Host
Operating Temperature	-10°C ~ +55°C
Power	+12VDC ~ 24VDC / <2A @ 12VDC
Weight & Dimensions	2.8Kg / 350mm Width x 225mm Depth x 68mm Height
Material	Anodised Aluminium Plates / ABS Plastic End Cheeks with Wood Effect Veneer

Iris Control HTML5 App Example Screen Grabs:

