

IRIS[®]



IRIS816 16ch Digital Video Recorder

Iris Innovations range of on board DVR's turn your boat's cameras into a fully integrated security system. The IRIS816 features include an integrated video web server to allow viewing and control of your cameras across the internet, multi-protocol PTZ control, alarm inputs and outputs, optional GPS input, video motion detection and much much more...

Housed in a standard 1 DIN case for easy installation, the IRIS816 features a stylish front panel for simple and intuitive operation. The built in 2.5" SATA 2 hard drive is mounted on anti-vibration mounts and the unit also features a built in heater.

Each of the units 16 camera inputs can be individually configured so recording rates can be set independently. Frame rates can also be set to change depending on alarm conditions or at specif times.

In addition to the systems camera inputs, analogue contacts provide alarm inputs which can also be programmed individually to carry out a host of actions on alarm activation such as trigger email or text alerts, activate alarm output contacts and change recording rates whilst in alarm condition. You can also configure alarm zones for video motion detection alarms.

If all this weren't enough, you can also control your boats Pan/Tilt Zoom cameras via the front panel, via the internet, or on your cell phone*

Iris Innovations on board DVR's are remarkably powerful machines designed specially to help compact the threat of crime whilst at sea and to provide piece of mind when you can't be on board.

*Requires internet connection (wired, WiFi or Satellite).
Pictured above with optional water resistant fascia (IM-DVR-COV).

Key Features:

16 Camera Inputs, Composite & VGA Output

Cameo (multi-camera) / Full Screen Display.

Event Recording, Time Lapse Recording or Both.

Intelligent Motion Detection with programmable area and sensitivity.

Multi-Protocol PTZ Support.

SD Card / USB / Compact Flash / Ethernet ports for network connectivity and back-up or images and footage.

Anti-Vibration Hard Drive Mounts.

Optional GPS Integration.

Alarm Inputs / Outputs

Audio Input.

Realtime Live Disply.

Browser Software supports Cell Phone Interface

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Compatibility:

Video Inputs: Composite Video, BNC connectors. Video Outputs Composite / VGA (Optional). Ethernet - RJ45. PTZ Control RS232 (D Sub 9 Connector). Backup to SD Card, Compact Flash and USB. Composite Video Output compatible with all chart plotters with Composite Video Inputs including Garmin, Raymarine, Furuno, Simrad, Lowrance, B&G. Contact Iris Innovations for further details.



Dimensions	178(W) x 210(D) x 50(H)mm
Weight	2.0kg without 2.5" SATA II HDD
Material	Lightweight Aluminum Casing, Plastic Fascia
Operating System	Embedded Linux 2.6
Operation	Simultaneous record, live, playback, control & remote
Video System	PAL / NTSC Switchable
Video Inputs	IM-DVR-04: 4 Inputs / IM-DVR-08: 8 Inputs 1V p~p
Main Monitor	BNC x 1, S-Video, 1vp~p / 75Ω, Optional VGA
Multi-Screen Configurations	Full screen / Quad View, 9/16 camera split
Loss Detection	Per Channel
Motion Detection	Configurable Detection Area & Sensitivity by Channel
Audio	2 RCA Jack, Line in level (100m V-2 Vrms) Out >2 Vrms
Recording Compression	Video - H.264 / Audio ADPCM
Frame Rate / Resolution	NTSC - 30 / 720*480, 60 / 720*240, 120 / 360*240 PAL - 25 / 720*576, 50 / 720*288, 100 / 360*288
Watermark	Yes
Network	1 RJ45 10/100 BaseT Ethernet
Network Protocols	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
Remote Users	Up to 8 Users Simultaneously
Devices	PC, Mobile Phone, PDA, Tablet PC, free iPhone / iPad, Android / MAC software app.
Web	Remote setup, backup, monitoring, alarm notifications
Remote Stations	PC, Cell Phone, PDA
Power Requirement	+12 or 24VDC (Range +9 ~ 30 VDC)
Consumption	12W Max without 12VDC Output
Power Output	Up to 1A Max
Operating Temperature	0°C ~ +50°C / Built in Heater

IRIS

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