# IM-DVR-04

## 4 INPUT DIGITAL VIDEO RECORDER / WEB SERVER

**The New IM-DVR-04P Digital Video Recorder boasts a host of features that turn your on board cameras into a powerful security system.**

• 4 Composite Video Inputs / 1 Composite Video Output
• 4 Audio Channels
• Quad / Full Screen Display
• Realtime Live Display
• Event Recording, time-lapse recording or both
• Intelligent motion detection with programmable area & sensitivity
• Multi-Protocol PTZ Control
• SD Card / USB / Compact Flash ports for back-up of images and footage
• Alarm Inputs
• Configurable analogue contacts for control of auxiliary devices
• Ethernet connectivity for control of the internet
• Remote access for control over mobile phone or PDA
• Anti Vibration hard disk mounts
• GPS support
• Built in Heater

A stylish panel mountable Digital Video Recorder and Video Web Server with simple and intuitive front panel operation. The IM-DVR-04P is housed in a standard 1 DIN casing for easy installation and features shock proof mounts to prevent damage to the 2.5" SATA hard drive due to the vibration of the boats engines.

The IM-DVR-04P has been designed for mounting into the helm and can be installed externally when fitted in conjunction with the IM-DVR-04-COV fascia. The rear of the unit features serial data connections for PTZ devices, camera video and audio inputs (4 channels), composite and VGA monitor output and alarm inputs and user definatble contacts.

# IM-DVR-04

## Technical Information & Specifications

### REAR PANEL

VGA Output (optional)

2nd RS232 Serial Contol Port For Control of Auxil-iary Devices

Delay on 30A Contact

Camera Inputs
Monitor Output
RC Sensor

Audio Inputs / Output
Y / C Output

RS232 Serial Contol Port
For PTZ Cameras

Alarm Inputs /
Outputs, RS485
Serial Control

Power Input
+12 ~ 24 VDC
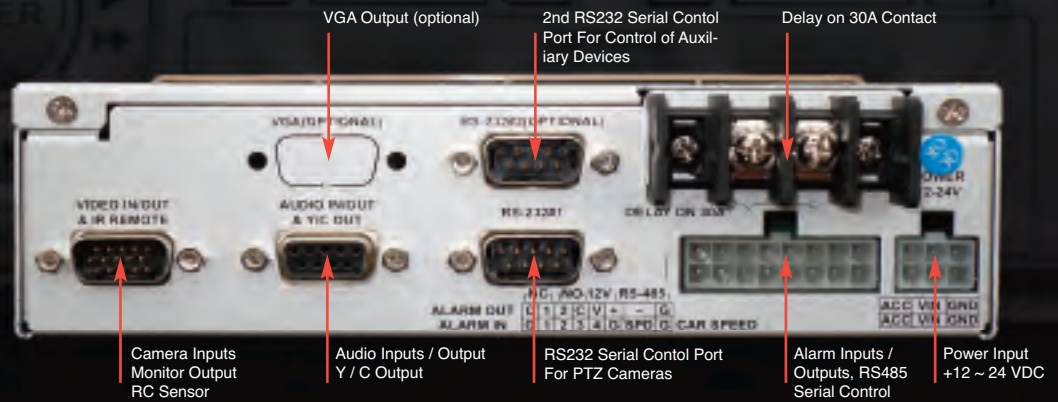
## SPECIFICATIONS

| | |
|---|---|
| Dimensions | 178(W) x 210(D) x 50(H)mm |
| Weight | 2.0 KG without 2.5" SATA HDD |
| Material | Lightweight aluminum casing, plastic fascia. |
| Operating System | Embedded Linux 2.6 |
| Operation | Simultaneous record, live, playback, backup, control & Remote |
| Video System | PAL / NTSC |
| Video Inputs | 4 CH BNC 1vP~P / 75Ω |
| Main Monitor | BNC x 1, S-Video, 1vP~P / 75Ω, Optional VGA D-SUB 15 connector |
| Loss Detection | Yes |
| Motion Detection | Yes - With configurable detection area & sensitivity |
| Audio | 2 RCA Jack connectors, Line in level (100m V-2 Vrms) out (>2 Vrms) |
| Record Compression | Video - H.264 / Audio - ADPCM |
| Frame Rate (IPS) and Resolution | NTSC – 30 / 720*480, 60 / 720*240, 120 / 360*240<br>PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288 |
| Watermark | Yes |
| Network | 1 RJ-45 10/100BaseT Ethernet |
| Web | Remote setup, backup, monitoring, alarm notification |
| Remote Stations | PC, mobile phone or PDA |
| Power Requirement | +12 or 24VDC, (tolerance +9.5 ~ 30VDC) |
| Consumption | 12W Max without 12VDC output loading |
| Power Output | Up to 1A Max (for all cameras) |
| Operating Temperature | 0°C ~ + 50°C / Built - in Heater |