

## Gyro 230 & 235 Remote Stabilised Camera System



- 3 or 5 Axis Gyro Stabilised
- Self Contained
- Radio Controlled
- Lightweight
- Various Camera Options
- On-Board Recording
- Live Transmission
- Cost Effective

The **Gyro 230/235** system is a stabilised camera system which is extremely lightweight and can be used on full size aircraft, UAVs, aerostats, boats, vehicles etc. The ball contains all the radio data receivers, viewfinder video transmitter and batteries for a truly self-contained operation. It can be rigged in a matter of minutes to many platforms.

### Gyro Technology

David Bradley Engineering Ltd and Gyro Camera Research Ltd have been developing the gyro technology for several years. The result is a patented system which minimises the setup time and effort required to achieve excellent results. All axes can be stabilised and operated, pitch, yaw and roll. An additional 2 axes on the **Gyro 235** remove other vibrations.

## Platforms

The **Gyro 235** can be used on various platforms where stabilisation is required;

- Remote Helicopters
- Remote or Tethered Aerostats
- Other UAVs
- Microlights
- Manned Helicopters
- Tensioned Wire Systems
- Boats
- Masts
- Vehicles



Various restrictions may apply when fitting the **Gyro235** to aerial platforms.

## Cameras

Initially the unit was designed around the Sony HVR-A1 which records high definition pictures onto its on-board recorder whilst transmitting the viewfinder picture to the operator. Other cameras can be incorporated into the unit as required. An adjustable voltage power supply is provided internally for the camera.

## Control

Control is either via the standard Gyro Controller and data transmitter(s) or via a cable connection. All functions are controlled from this, including engineering setups, gyros, motors and camera controls. There are 2 independent radio data receivers in the **Gyro 230/235** and the electronics automatically selects the best receiver. If data is lost on one frequency it switches to the other.



## Camera & Lens Control

Various camera and lens protocols can be programmed into the **Gyro 230/235** enabling full remote control over the data link. For the Sony HVR-A1 and similar cameras a LANC control is used to the camera.

## Slip Rings

Slip rings are fitted which provide various inputs and outputs to be used as required. These enable continuous 360 degree rotation of the camera without any wire to tangle up.

## Remote Helicopters

Through our associate company we can provide a turnkey solution including the custom built remote helicopter.

