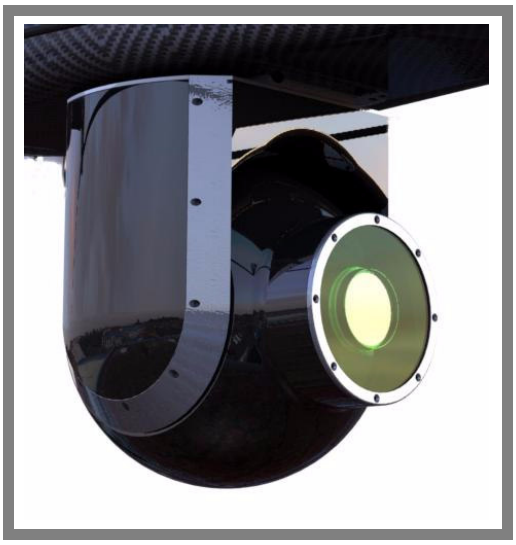
BRADLEY ENGINEERING
Hollybush Farmhouse, Lymington Road, Brockenhurst, Hampshire. SO42 7UF Tel;01590 622440

# Development Bulletin - 23rd March 2010

## Gyro 350



### Overview:

Development of the new **Gyro350,** 5 axis stabilised camera ball is in an advanced stage. The unit is larger and more capable but based on our proven gyro stabilisation technology as used in our Gyro180Ti and Gyro236. Certain aspects of this technology have patents pending.

The **Gyro350** is 350mm (approx. 14") in diameter. Originally we planned to fit the Sony EX3 but the remote control of both the lens and camera proved problematic. We are now fitting the **Panasonic AW-HE870** (3 x 2/3"chips) camera with **Canon KJ-20x8.5** HD zoom lens for televison applications. Our aim is to produce an affordable system and therefore make this type of system accessible to a wider range of end users.

The control panel and overall method is the same as we currently use in the **Gyro236** system. Any Gyro Controller will operate any system which keeps good compatibility and reduces development time.

### Gyro350 Development Areas:

The new developments for the **Gyro350** fall largely into the following areas:

- Increased size to accomodate larger cameras and lenses
- Shifts in axis nodes
- Uprated drive gearing arrangements
- More powerful motors
- Improved motor drives
- Higher IP rating
- Easier setups with more automatic adjustments

## Current Status:

The prototype development in all the categories above is well under way. The outer frame and all the internal mechanics are complete (see picture). The motors and drives are installed and all the PCBs are built with the devlopment software installed. The camera and lens are installed and balanced.

We have tested the main electronics and software very sucessfully on a Gyro236 including using it on on a high profile, boat based, televised event earlier this month.

This week we are installing the electronics and software and hope to complete an initial test early next week.

Pending the outcome of this test, which we anticipate going well, we should have the first delivery units available from mid April.

Parts production is already under way for the first production run with motors, drivers, gears and PCBs etc. in stock or due shortly.

A outer shell of the unit was on display on our stand at IBC in September where it generated a great deal of interest and several orders for the system. Since then we have experienced growing interest in the system with several customers visiting the factory to see the progress themselves.

We will post availability details on the web site when we are further advanced but can take orders now if customers can accept a flexible delivery date.

Initial price circa:

**£150,000 GB Pounds** (including **AW_HE870** and **KJ20x8.5**)

Different camera and lens packages will vary the price depending on the cost and on the complexity of the integration.

**Gyro Controller**


**For further details contact Bradley Engineering.**
**Tel: +44 1590 622440 www.bradeng.com**