

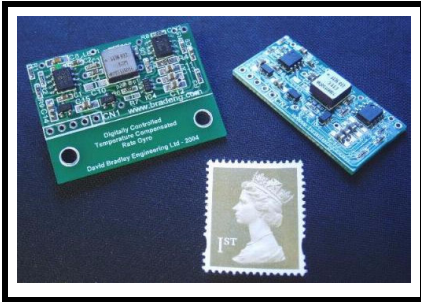
Mini Gyro Dome



Preliminary Specification

3/5 Axis - Gyro Stabilised
Inverted or upright operation
Lightweight (approx. 3 kg)
Dia. 165 mm x H. 205 mm
Fully self-contained electronics
Waterproof - IP67 (incl. plugs)
Full digital control (Camera & Mount)
Camera and Mount status readouts *
Auto Trim (gain and drift)
360 deg. continuous pan
+20 -90 deg. tilt
Pan & Tilt position readouts *
Magnetic heading readout *
Heading hold *
No external moving parts
High resolution single chip camera
25x optical + 12x digital zoom
Near Infrared switchable
* optional features

The Mini Gyro Dome is the latest generation, gyro stabilised camera system offering an extremely compact unit which is easy to handle and set-up in the field.



It utilises the very latest solid state gyro technology combined with our own microelectronics and software experience to deliver fully temperature compensated, miniature rate gyro sensors which are very accurate and stable.

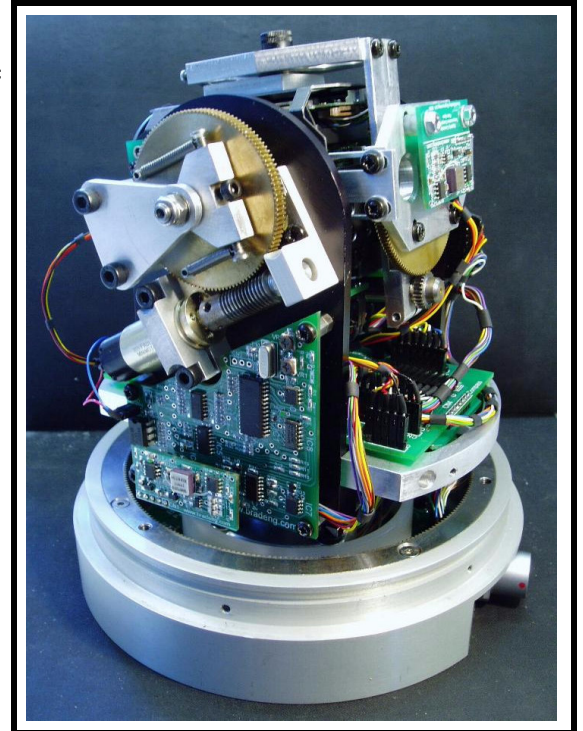
The 4th and 5th axis are image stabilisation within the camera itself.

One of the major features of this unit is its' ability to self correct for Gain and Drift in both pitch and yaw axis. This enables the unit to be fitted to a variety of platforms and cope with differing conditions without the need for manual adjustment.

All the electronics are contained within the dome, requiring no additional 'black boxes'. This includes all the power supplies which are fitted into the base section. Also included is a dedicated control and communication processor to enable simultaneous control of camera, lens and mount.

Connections to the dome are simple - power, data, and video outputs. This can be configured as just a 6 wire connection cable.

Communication and control can easily be done via a radio data link for truly remote operation.



Two controller options are available. All Camera and Mount status information is replied from the dome and can be displayed and adjusted with the **Multi Controller**.

This controller also offers complete manual or automatic multi camera control, magnetic and relative heading readouts, azimuth readout, and many other additional features.

If a simpler system is required the **Mk6 Controller** is available configured to control the Gyro Dome.

This offers unidirectional control with essential camera and mount controls.



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