

VD170/GD170 MINI GYRO DOME

Features:

- Gyro Stabilised Velocity Mode (World) *
- Velocity Mode (Gimbal)
- Position Mode (Gimbal)
- Angle streaming (Gimbal)
- HD Capable
- Lightweight
- Small
- Robust
- Weatherproof
- RS232 Compliant
- Robust Data Protocol
- Low power Consumption
- No requirement for calibration
- Continuous comprehensive self test
- Suitable for high integrity applications
- High immunity to shock and vibration
- Internal Anti-Vibration Isolation Mounts



Gimbal 2 Axis Velocity/Gyro Dome

Position Resolution	0.022°
Position Accuracy	0.01°
Stabilisation Accuracy	0.05° *
Elevation	+/- 90°
Azimuth	360° Continuous
Slew Rate	155°/sec (2.7 rad/s)
Slew Acceleration	100°/s/s

Sensor	Sony FCB-EX980SP
Resolution	740k Pixels
Optical Zoom	26x
Field of View	42° to 1.6°
Image Stabiliser	Yes

Physical

Weight	980 g
Dimensions	170mm

GD170 is a sophisticated very high resolution, lightweight, stand-alone stabilized daylight observation system designed primarily for scout helicopters, light reconnaissance aircraft, observation balloons and UAV's.

GD170 is a two axis gimbal, gyro stabilized system that is protected against wind loads, humidity and dust by the optically perfect Lexan dome.

VD170 is a two axis gimbal, designed specifically to be operated from UAV autopilots, UAV autopilots have the ability to control high quality camera gimbals with full geo-ref and gyro stabilisation.

Both the GD170 and the VD170 are compatible with the Micropilot and UAV Navigation Autopilots, they can be hooked up and operable in minutes.