



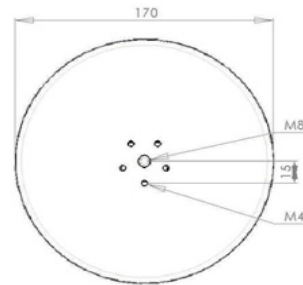
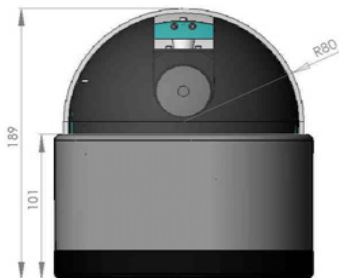
# Mini Gyro Dome

## GD170

**Applications:** Daytime Observation. Damage Assessment. Search & Rescue. Traffic Surveillance. Coastal and Border Control. Anti-Terrorist Surveillance. Anti-Smuggling Surveillance.

**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.



Video Properties	Model	Sony FCB-EX980SP
	CCD Pixels	800,000
	Resolution	500 Tv Lines
	Min Illumination	0.01 Lux
	Optical Zoom	26x
	Field Of View	42° to 1.6°
	Exposure	Manual from GCS or Full Auto
	Focus	Manual from GCS or Full Auto
	S/N Ratio	50 dB
Stabilised System	Position Resolution	0.02°
	Stabilisation Accuracy	+/- 0.25°
	Field Of Regard – Elevation	±90°
	Field Of Regard – Azimuth	360° Continuous
	Max Slew Rate	155°/Sec
	Max Slew Acceleration	100°/Sec <sup>2</sup>
	Electronics	High Speed 16bit DSP
	Communication Link	Rs232/TTL Serial (38400 BAUD)
	Electrical Input Voltage	9-36v
Physical Dims	Electrical Consumption	4W/15W
	Weight	980g
	Dimensions Dia/Height	170mm/180mm
	Video Output	VBS: 1.0Vp-p (Composite)
	Temperature	-20°C to +55 °C
Relative Humidity	0-95%	