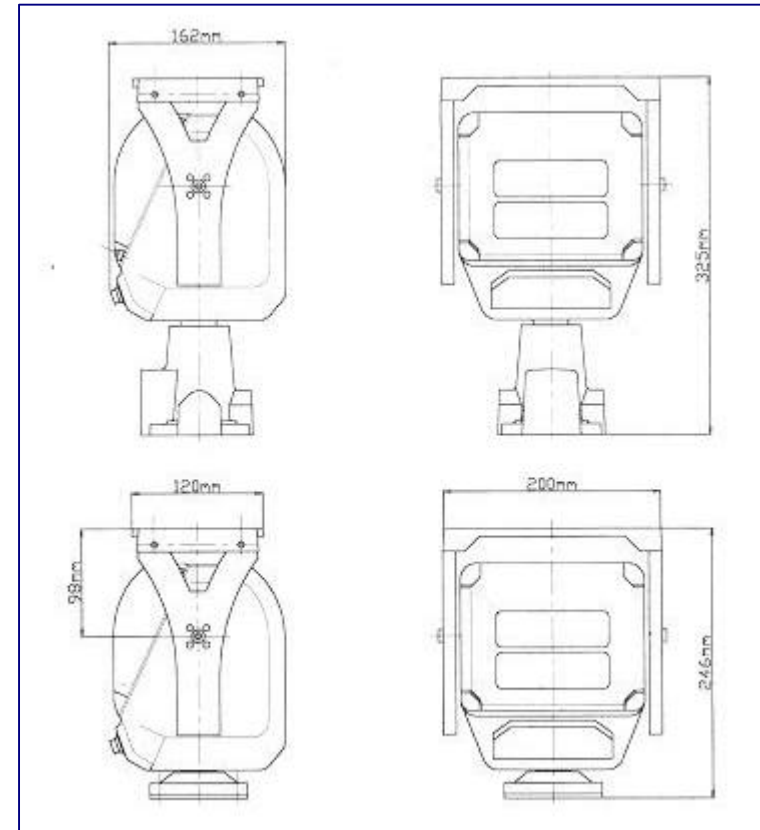
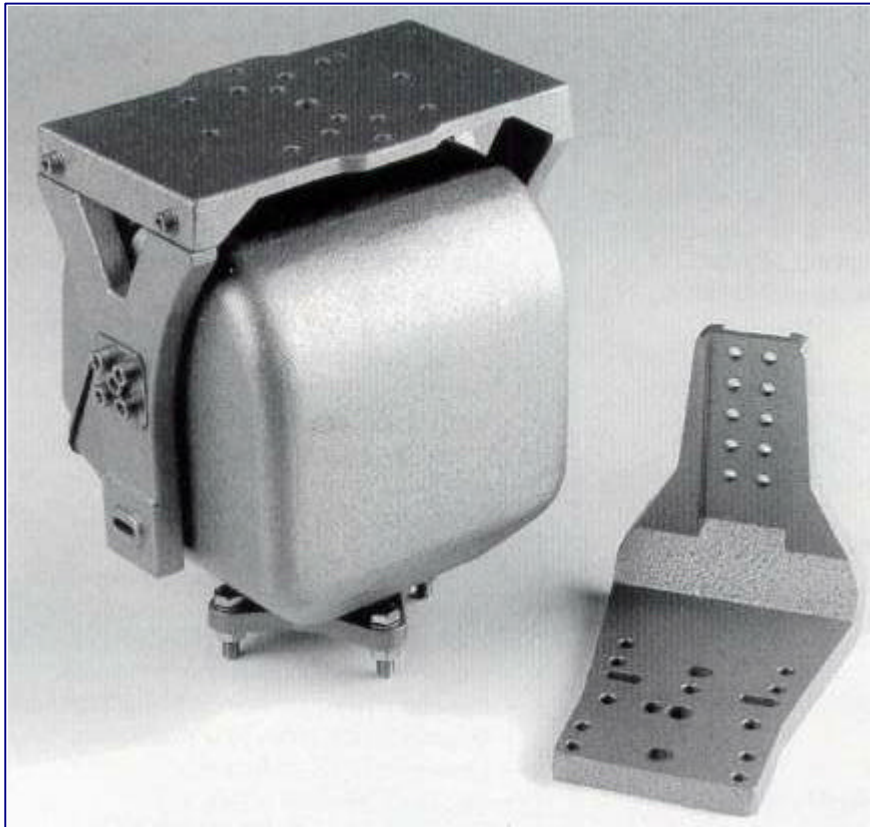


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## EARL PT 565



The Shawley Earl PT 565 head is the leader in the range of quality built, versatile and precision designed pan and tilt units, with proven reliability in town centre and traffic monitoring applications. The Earl is the first choice for performance, flexibility and serviceability. Ruggedly constructed in a die cast aluminium case the Earl provides a compact but powerful unit with a load capacity belying its size.

FEATURE	PT 565 DC	PT 565 AC
<b>Construction</b>	Die-cast aluminium	Die-cast aluminium
<b>Weatherproof</b>	To IP66 (equal to heavy seas)	To IP66 (equal to heavy seas)
<b>Sealing</b>	Double edge lipseals on shafts and gaskets between body and lid	Double edge lipseals on shafts and gaskets between body and lid
<b>Gearing</b>	All steel precision gear train with stainless steel shafts	All steel precision gear train with stainless steel shafts
<b>Pan Speed</b>	0-45° per second variable 0-60° per second available on request	8.5° per second std, 13 optional
<b>Tilt Speed</b>	0-10° per second variable	2.5° per second std
<b>Pan Breaking Torque</b>		90 kg/cm (9 Nm)
<b>Tilt Breaking Torque</b>		340 kg/cm (33 Nm)
<b>Backlash</b>	Better than 0.15°	Better than 0.15°
<b>Overrun</b>	Nil	Nil
<b>Pan Angle</b>	360°	360°
<b>Tilt Angle</b>	±180° (side mount only)	±180° (side mount only)
<b>Limit Adjustment</b>	Internal fingers	Internal fingers
<b>Mounting Details</b>	4 holes 8.7mm diameter on 101.6mm (4") PCD	4 holes 8.7mm diameter on 101.6mm (4") PCD
<b>Weight</b>	9 kg	9 kg
<b>Power Consumption</b>	Max 16 W @ full voltage per motor	12vA per motor
<b>Operating Temperatures</b>	-20°C to +50°C	-20°C to +50°C
<b>Connector</b>	8/9 pin	12 pin

<b>Carrying Capacity</b>	15 kg top mount 22 kg side mount (balanced load)	15 kg top mount 22 kg side mount (balanced load)
<b>Recommended Brackets</b>	WB4	WB4

- Carrying capacity of 15 kg in top mount configuration
- Carrying capacity of 22 kg in side mount configuration
- IP66 weatherproof standard approval
- Precision ballbearings ensure unit remains square on both axes
- Stainless steel shafts and fittings eliminate corrosion
- Internal limit adjustment gives resilience to extreme weather conditions
- Limit adjustment can be made with full load in place
- All metal gear transmission
- Low backlash for stability in high winds
- Heavy duty synchronous motors (AC version)
- Ironless rotor motors (DC version)
- DC version provides high and variable speed performance
- Full two year warranty (one year for units with autopan or continuous rotation)
- Operating voltages from 12v DC to 240v AC
- Choice of pan and tilt speeds
- Standard or heavy duty presets
- Autopan
- Continuous rotation
- Continuous rotation with presets
- Colour options to specification
- Alternative connectors available on request

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