

Heavy Duty Stainless Steel Pan & Tilt

oe1148



- Heavy Duty and Rugged
- Pressure Compensated
- 30kg Capability

The Kongsberg Maritime OE1148 underwater Pan & Tilt unit has been ruggedly designed to deploy television and photographic camera payloads of up to 30kg in harsh environments. The pressure housing is manufactured from 304 stainless steel and incorporates an oil fill and a pressure compensation diaphragm for reliable operation at virtually any depth.

The unit incorporates stall-protected motors and adjustable axis limit stops. The electrical connections are via a high integrity stainless steel shell underwater connector.

The unit is manufactured to the highest standards and can be supplied with optional position feedback capability.

Standard Features**Electrical**

Rotation Speed	Pan	1 rpm (no load)
	Tilt	1 rpm (no load)
Torque Pan		690kg - cm (50lb.ft)
Tilt		690kg - cm (50lb.ft)
Rotation Angles	Pan	0° - 340°
(All units have limit switches which can be set for any angle)		(normally set $\pm 170^\circ$)
	Tilt	$\pm 170^\circ$
		(normally set $\pm 90^\circ$)
Power		115 V ac
Electro-Magnetic Compatibility		EN50081-1 Emission / EN 50082-1 Immunity

Environmental

Operating Depth	6,150 metres (20,000 feet)
Temperature Range	Operating -5°C to +40°C
	Storage -20°C to +50°C

Mechanical

Mass in Air	40.9kg (90lbs)
Mass in Water	28.1kg (62lbs)
Housing Material	All external material is 304 St / St
Finish	Electropolished St / St
Standard Connector	Burton 6 pin p/n 5507-2006

