



2720HD

Heavy Duty Intelligent Pan/Tilt Unit

Features

- Designed to Meet Military Environmental Specifications
- Designed for EMC Class A Compliance
- Ruggedised
- IP68
- Externally Accessible Pan/Tilt Limit Switches
- MIL Spec Connector

Description

The 2720HD Pan & Tilt is 12vdc heavy duty specialist Pan/Tilt unit with telemetry control built-in. The unit meets most demands, with an operational temperature range greater than -20°C to +50°C.

A built-in telemetry board enables the Pan/Tilt to be controlled via a serial link, with control from the Britannia TeleCase or direct from a PC. Preset potentiometers provide positional feedback to a repeatability of 0.2°. The built-in controller provides variable speed control and allows 8 presets to be stored.

Serial data out is provided for control of the Britannia 2000 series of cameras. Special to purpose software can be installed to meet any operational requirement.

Options

- Pelco "P" control
- 24vdc
- Presets
- OTT or side mount

Specifications

Pan/Tilt

Payload:	16kg, 'over the top' (OTT) 25kg side mount version (SM)
Pan Angle:	±180°
Pan Speed:	12, 32, 48, 58 (max) options
Pan Operating Current:	700mA
Backlash:	<0.15°
Height:	201mm (OTT) 184mm (SM)
Depth:	Precision ball race
Weight:	6kg
Tilt Angle:	-90° + 30° (OTT) ±90° (SM)
Tilt Speed:	12°/sec
Tilt Operating Current:	700mA
Ambient Temp Range:	-20°C ~ +50°C
Width:	194mm (OTT) 347mm (SM)
Seals:	Neoprene 'O' rings

Environmental: Designed to Meet

EMC:	Def. Stan 59-41 Class A tests, 14KHz – 1GHz DRE01 – E field emissions DRE02 – H field emissions DRS01 – H field susceptibility DRS02 – E field susceptibility
Temperature:	Def. Stan 00-35, (Part 3)/2, tests CL1, CL4. -20°C ~ +50°C
Shock:	Def. Stan 00-35, (Part 3)/1 test M12s
Vibration:	Def. Stan 00-35, (Part 3)/2 test M1
Driving Rain:	Def. Stan 07-55, (Part 2) test D3
Sand & Dust:	Def. Stan 07-55, (Part 2) test D3