



2632HD DC

Heavy Duty Pan/Tilt Unit

Features

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

Description

The 2632HD DC Pan & Tilt is a heavy duty specialist Pan/Tilt unit. It is a very robust, 12vdc Pan/Tilt which has been extensively tested for operation under arduous conditions. Units are in use in many different countries and temperature conditions. The standard unit meets most demands, with an operational range -20°C to +50°C

The unit has been designed to pass the same rigorous testing as the Britannia 2632DC Pan/Tilt unit which is in service with the UK MoD and used on a wide variety of projects, including EOD robots and other remote vehicles.

Applications

The 2632HD DC is ideally suited to the 9465 series of long range surveillance cameras and auxiliary illuminators. The 2632HD DC has been used on a wide variety of projects, including EOD robots and other remote vehicles

Options

- Pan/Tilt presets
- Adapter plates for 9645 camera, illuminators, and Thermal Imager

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