



2632DC

Medium Duty Pan/Tilt Unit

Features

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

Description

The 2632 DC Pan & Tilt is a medium duty specialist Pan/Tilt unit. The 2632 is a very robust, 12vdc Pan/Tilt which has been extensively tested for operation under arduous conditions. The unit meets most demands, with an operational temperature range greater than -20°C to +50°C.

The unit has been designed to pass the same rigorous testing as the Britannia 2558 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 2632 is ideally suited to the 2553 MIL specification colour zoom camera and 2556 illuminator manufactured by Britannia for EOD and remotely controlled vehicles.

Options

- Pan/Tilt presets
- Side mount adapter plate for 2553 camera
- Side mounting bracket for 2712 camera
- 1129 SRBX variable speed PTZ serial data control board

Specifications

Pan/Tilt

Payload:	6kg, 'over the top' (OTT) 10kg side mount version (SM)
Pan Angle:	±180°
Pan Speed:	30°/sec (max) or 10°/sec
Pan Operating Current:	150mA
Backlash:	<0.15°
Height:	146mm (OTT) 130mm (SM)
Depth:	85mm
Main Bearings:	Precision ball race
Weight:	2.3kg
Tilt Angle:	-90° + 30° (OTT)
Tilt Speed:	10°/sec (max)
Tilt Operating Current:	165mA
Ambient Temp Range:	-20°C ~ +50°C
Width:	145mm (OTT) 265mm (SM)
Fixings - Base:	3 x M5 tapped holes 70mm PCD
Fixings – Platform:	2 x slots, 5.5mm wide x 20mm Neoprene 'O' rings

Environmental: Designed to Meet

EMC:	Def. Stan 59-41 Class A tests, 14KHz – 1GHz DRS01 – H field susceptibility DRS02 – E field susceptibility
Temperature:	Def. Stan 00-35, (Part 3)/2 test 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