



Britannia 2000 Limited

Designers, Manufacturers & Integrators of Specialist Surveillance Systems and Equipment

2558

Military Specification DC Pan/Tilt Unit

Features



NSN 6720-99-726-5147

- Meets Military environmental specifications
- EMC Class A compliant
- Rugged
- Lightweight
- Presets option
- Extra low temperature variant
- Externally accessible pan/tilt limit switches
- MIL Spec. connector
- IP66

Description

The 2558 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 2558 is in service on a large number of mobile & portable applications for the UK MoD and Defence Forces around the world.

Extra insulation and low temperature heaters are available to counter the most hostile temperature variations; however the standard unit meets most normal demands, with an operational range of greater than -20°C to +70°C. The extended temperature version operates to -40°C

The unit has passed EMC testing based on radiated emissions and susceptibility and is in service with EOD robots and other remote vehicles.

Applications

The 2558 is ideally suited to the 2553 MIL Specification colour zoom camera and 2556 illuminator manufactured by Britannia 2000 for EOD and remotely controlled vehicles, unattended surveillance sites and situation awareness cameras on military vehicles.

Options

- Pan/Tilt presets
- Adapter plate for 2553 camera
- 1129 SBRX variable speed PTZ serial data controller

Specifications

Payload:	3kg, 'over the top'	Weight:	1.9kg
Pan Angle:	± 175°	Tilt Angle:	+45°, - 80°
Pan Speed:	10° / sec (max)	Tilt Speed:	4° / sec (max)
Pan Operating Current:	150mA	Tilt Operating Current:	165mA
Backlash:	< 0.3°	Ambient Temp:	-20°C ~ +70°C
Main Bearings:	Precision Ball Race	Seal:	Neoprene 'O' Rings
Environmental:	EMC:	Def Stan 59-41 Class A Tests, 14KHz – 1 GHz DRE01-E Field emissions, DRE02-H field emissions, DRS01 – H field susceptibility DRS02 – E Field susceptibility	
	Temp:	Def Stan 00-35, (part 3)/2, tests CL1, CL4. -20°C ~ +70°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	



1 Grove Park Industrial Estate, White Waltham, Maidenhead, Berkshire SL6 3LW UK
 Tel: +44 (0)1628 829 356 Fax: +44 (0)1628 824 316
 Email: sales@britannia2000.co.uk URL: www.britannia2000.co.uk