

PMD01

Lightweight Manual Pan-Tilt

Lightweight, Precise, and Durable Pan/Tilt Head for Critical Alignment Application for Military EO Sensors, Designators, and Long-Range Optics

APPLICATIONS

Border · Armored · UGV · **Targeting** · Radar · **Comms mast**

QUALIFIED TO **MIL-STD-810G**

RATED PAYLOAD	PAN RANGE	TILT RANGE	AXIS RESOLUTION	WEIGHT
10 kg	N × 360°	±45°	0,0056°	1,4 kg

MAIN FEATURES

Lightweight Manual Pan-Tilt Head

Under **1,4 kg** carrying up to **10 kg**, for precise alignment of military EO sensors, designators and long-range optics.

Controlled Manual Movement

Fine adjustment on both axes with viscous damping and independent braking gives the control of a motorized head without power.

STANDARD CONFIGURATION

PMD01-0010 · Tolerance **±5 %**

PERFORMANCE PARAMETERS	
Rated Payload	**10 kg**
Pan – Axis Range	**N × 360°**
Tilt – Axis Range	**±45°**
Pan Axis – Fine Adjustment Range	**±2,50°**
Tilt Axis – Fine Adjustment Range	**±1,13°**
Axis Resolution	**0,0056°**
Weight	**1,4 kg**
Performance Independent Braking	**Available**

MECHANICAL DATA	
Width	**173 mm**
Depth	**120 mm**
Height	**110 mm**
Material – Main Body	**Aluminum 6061-T6**

HOW TO ORDER

Every step, option and test: **Product Catalog, page 41**

PART NUMBER	**PMD01 – [body size] – [options]** · 1 build combination
OPTIONS	**SRSH** Sun and Rain Shield **LG##** Label Language