



INVENTRA
SURVEILLANCE SYSTEMS

TMM10 – Medium Duty Tripod

Payload Capacity up to 60 kg with superb torsional stability for

Tactical Radar, Reconnaissance Optics and Battlefield Communication Systems



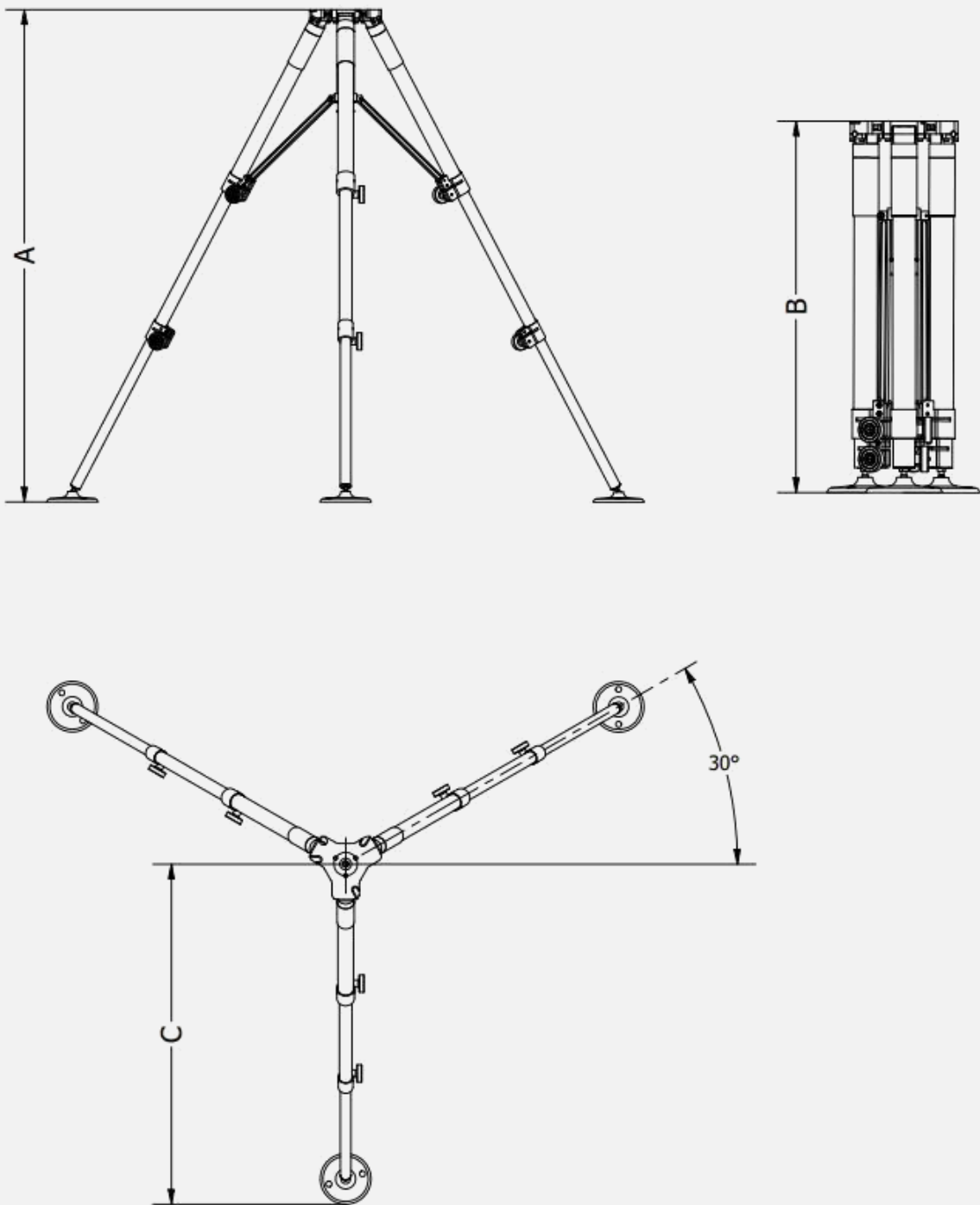
Main Features

- ❖ Thick-walled anodized tubular construction for long-lasting performance in harsh environments. Designed for easy transport and quick setup.
- ❖ Powder-coated finish and robust materials ensure dependable functionality under demanding conditions.

Distinctive Features

- ❖ **60kg Nominal Payload Capacity:** Capable of supporting substantial equipment with compatible tripod interfaces.
- ❖ **Tool-Free Foot Replacement:** Easily switch between different foot types without the need for tools.
- ❖ **Additional Accessories:** Footplates, pin sets, and tie-down kits available for enhanced security and stability.
- ❖ **Ground Anchor and Pinning:** Enhanced stability through ground anchor points and pinning capability.
- ❖ **Digital Magnetic Compass-Compatible:** Constructed to prevent interference with magnetic instruments.

Configuration Breakdown	Tripod – <u>Manual</u> – <u>Medium Duty</u> – Product Class (10) – Retracted Height (mm) – Extended Height (mm) – Rated Payload Capacity (kg) – Product Specific Codes
Part Number	TMM10-X-X (Check Available Options Below)
Available Customizations	Retracted/Extended Height, Payload Capacity, Mechanical Interfaces
Combinable Platforms	PEX – Electromechanical Positioners Family PMX – Manual Positioners Family



Parameters			TMM10-637-1266-40	TMM10-588-864-60
PERFORMANCE PARAMETERS	Extended Height (A)	mm	1266	864
	Retracted Height (B)	mm	637	588
	Extended Radius (C)	mm	875	632
	Number of Sections	-	3	2
	Weight	kg	5.2	4.3
	Maximum Payload	kg	40	60
	Material	-	Aluminum 6061-T6 / Stainless Steel AISI 316	
ENVIRONMENTAL QUALIFICATIONS	Wind Load	km/h	80	80
	Temperature	°C	MIL-STD-810G, Method 502.5 Procedure II – Operational, -40°C MIL-STD-810G, Method 501.5 Procedure II – Operational, +80°C	
	Vibration	-	MIL-STD-810G, Method 514.6, 20-500Hz, 6dB/Octave Roll-Off	
	Humidity	-	MIL-STD-810G, Method 507.4, Aggravated Humidity - Temperature Cycle, 10 Cycle (24 Hours)	
	Rain	-	MIL-STD-810G, Method 506.5 Procedure I – Rain and Blowing Rain, 1.7 mm/h	
	Salt Fog	-	MIL-STD-810G, Method 509.5, 2 Cycles of 24 Hours Salt Fog And 24 Hours Desiccation	
	Dust and Sand	-	MIL-STD-810G, Method 510.5 Procedure I – Blowing Dusts MIL-STD-810G, Method 510.5 Procedure II – Blowing Sand	



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