

MMW10

Telescopic Winch-Type Manual Mast System

High performance-to-weight ratio manual mast with a wide configuration range for electro-optical imaging, radar and communication tasks

APPLICATIONS

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

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

RETRACTED	EXTENDED	RATED PAYLOAD	WIND LOAD	DEPLOYMENT TIME	WEIGHT
1.310 mm	2.500 mm	50 kg	120 km/h	5 min	25 kg

MAIN FEATURES

Winch-Deployed Manual Mast

A winch arm on the tripod body extends all mast sections synchronously — **2500 mm** of height and **50 kg** of payload from a **25 kg** system, with no power supply.

Very Low Stowed Height

Telescopic tripod legs bring the whole system down to **1310 mm** stowed, which is what lets a **50 kg**-class mast travel inside a vehicle.

STANDARD CONFIGURATION

MMW10-1310-2500-0050 · Tolerance **±5 %**

PERFORMANCE PARAMETERS	
Wind Load	**120 km/h**
Retracted Height	**1.310 mm**
Extended Height	**2.500 mm**
Rated Payload	**50 kg**
Weight	**25 kg**
Opening Time	**60 s**
Deployment Time	**5 min**
Actuating Mechanism	**Manual**
Drive Type	**Winch Arm with Locking Mechanism**

MECHANICAL DATA	
Section Width	**98 mm**
Number of Sections	**3**
Material – Main Body	**Aluminum 6061-T6**

HOW TO ORDER

Every step, option and test: **Product Catalog, page 80**

PART NUMBER	**MMW10 – [mast size] – [options]** · 1 build combination
OPTIONS	**LPEK** Lightning Protection and Earthing Kit **SPPC** Spiral Payload Cable **HEX1** Height Extender **IFPS** Frost Protection Sleeve **LG##** Label Language