

# ITIMSA-AL60

## Field Deployable Antenna Mast

### Primary Use

- RF communications
- Wireless data & surveillance
- Customized applications

### Main Features

- Single person deployable system
- Folding type tripod
- Sturdy guide mechanism for maximum stability
- Side insertion segments
- Aerospace Grade Al 6061-T6 construction
- Interlocking 60mm sections
- Black anodized (Custom colours possible)
- Integrated levelling scale
- Fibre reinforced guy wires for directional support
- Customized adapters for equipment mounting
- Wind speed 100 kph
- Payload capacity:      Up to 25 kg @ 15 ft.  
                                    Up to 10 kg @ 60 ft.
- Maximum height:      Up to 60 ft.
- Deployment time: 10-20 minutes
- Soft case bag for easy transportation (Wheeling bag: 54"X16"X16"). Hard case also available.
- Weight of system: 40-45 kg.

Field Deployable



Single Person Deployable



Sturdy and Stable Design

## **Standard Equipment**

### ➤ **Active Assemblies**

- Main section guide mechanism (01)
- Tripod with folding tube (01)
- Detachable hoist system for lifting & retraction (01)
- 60mm section tubes (07) 21 ft. version
- Lifting block (01)
- Guy rope sets with tensioner (06)
- Guy collars (02)

### ➤ **Passive Items**

- Pegs (03)
- Pin locked handle for lifting (01)
- Peg locating ring (01)
- Hammer (01)
- Stake puller (01)
- Stakes (08)

## **Optional Accessories**

- Light weight carbon fibre segments
- Non-conductive fibre glass segments
- Military grade floating/waterproof hard case
- 2 Piece back pack
- Additional pole sections for higher height with customized guy ropes
- High stiffness high strength pole lengths for higher payloads



Quick Locking Mechanism



Extendable Segments



Precision CNC Machined

