



MINI PTFA

Manual Line of Sight Positioner

Main Advantages & Features

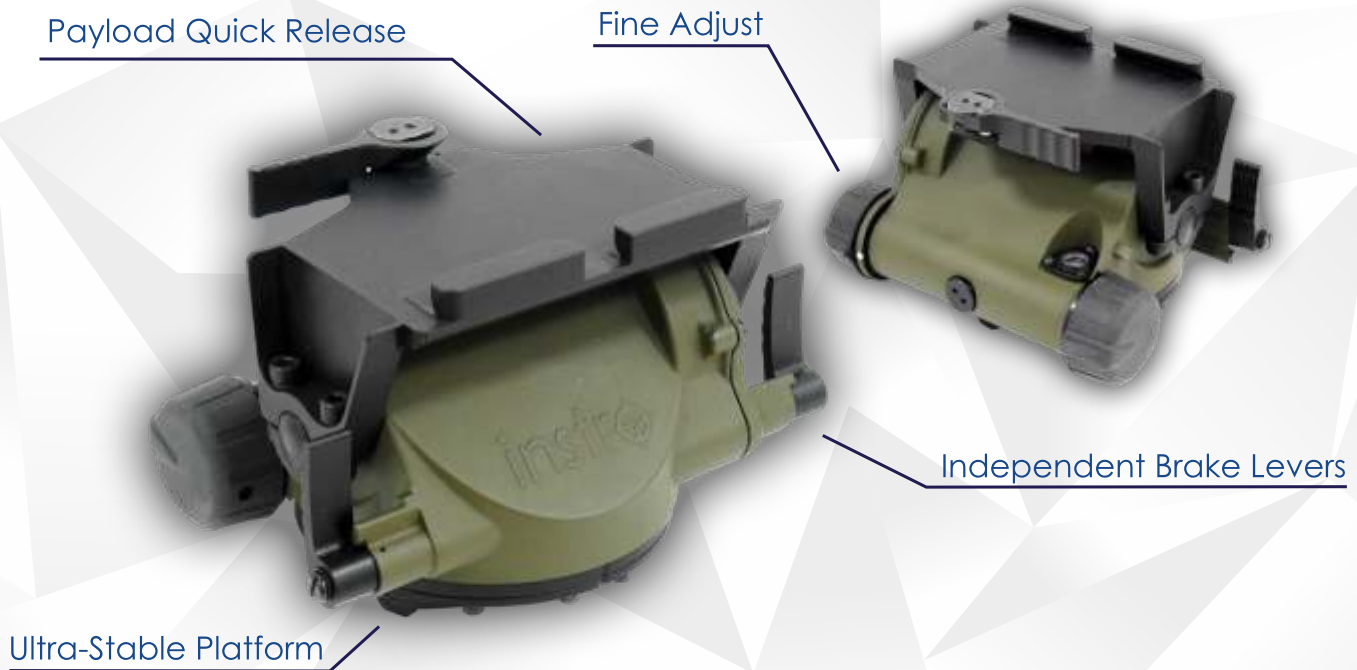
- Rugged, lightweight and compact design
- Fine Adjust mechanism with independent braking action
- Axis Damping allows greater control
- Full $\pm 45^\circ$ coarse tilt range
- Payload Quick Release mechanism
- Circular level bubble plus reversionary mechanical scales
- DMC compatible construction
- Multiple payload interface options available
- Standard 5/8" 11 UNC tripod mount

The Mini PTFA (Pan & Tilt Fine Adjust) has been designed for use in alignment-critical applications where it is necessary to accurately maintain the line of sight to both stationary and moving objects.

The Mini PTFA features axis damping and fine adjust mechanisms in both pan and tilt for maximum versatility. Axis damping allows the user much greater control when tracking moving objects and when initially aligning the mounted EO sensor to a chosen object. For small or far distant objects, the fine adjust mechanism provides exceptional alignment precision and braking action. The positioner features a circular level bubble as an aid to deployment and elevation scale as standard. The Mini PTFA is available in a variety of mounting interfaces to support a range of payloads.

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Outline Specification

Weight (approx)	1.2kg (2.64lbs)
Dimensions	109x173 x130mm
Payload capacity	10kg (22.0lbs)
Payload Interface	Quick Release
Tripod Interface	5/8" 11 UNC female
Elevation range	±45° / 1.13° Fine Adjust
Azimuth range	360° / 2.50° Fine Adjust
Axis Damping	Yes
Axis Brakes	Independent
Environmental	IP-67
Tripod Interface	5/8" 11 UNC female

Applications

- Thermal / night vision equipment support
- Multifunction binocular support
- Laser rangefinder / designator support
- Telescope and binocular support
- Communications antenna support
- Scientific instrument support
- Surveillance, video & still camera support

Options

- Removable steering handle
- Custom payload adapter
- Custom paint colour



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