



MEERKAT FA

Ultra-lightweight Pan & Tilt Tripod

Key Features

- Tripod fully integrated with pan & tilt for maximised SWaP
- Independent axis braking and fine adjust action
- Ergonomic design
- Telescopic leg length
- Independently adjustable leg angle
- Ultra-lightweight and compact
- Quick release payload interface
- DMC compatible construction
- Choice of operational heights available

The Meerkat Fine Adjust (FA) is Instrø's flagship product within the Meerkat series. Instrø's portfolio of Meerkat products integrate lightweight tripods with manually operated pan and tilt heads to provide maximum SWaP and significantly reduced setup time, allowing dismounted personnel to carry out observation and targeting applications with the upmost effectiveness.

The Meerkat FA is designed to be used with a variety of sensor payloads, including those featuring digital magnetic compasses due to the Meerkat FA's low magnetic signature. The sturdy platform features dual-axis brakes with accompanying fine adjust motion controls for precise alignment on distant targets. All of this functionality has been compressed into as small a form factor as possible to provide a compact, lightweight and rugged product that still remains ergonomic and intuitive to operate.

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Outline Specification

| | |
|------------------|-----------------------|
| Weight (approx) | 1.25kg (2.75lbs) |
| Dimensions | Ø590 x 428mm |
| Working Height | 589 - 428mm |
| Payload Capacity | 8kg (17.6lbs) nominal |
| Elevation Range | ±45° (800mil) |
| Azimuth Range | 360° full circle |
| Fine Adjust | ±0.85 motion |
| Brakes | Axis Independent |
| Level Bubble | Levelling to ±0.056° |
| Construction | Aluminium / Carbon |
| Environmental | IP-67 |

Applications

- Multifunction binocular
- Night time survey using thermal and night vision equipment
- Surveillance, video & still camera
- Laser rangefinder / designator

Options

- Tripod height
- Digital azimuth encoder for improved targeting accuracy
- Tripod Colour
- Custom payload adapter assemblies
- Footplate and pin sets
- Carry Pouches



Instro Precision Limited

Tel : + 44 (0) 1843 604455 Fax : + 44 (0) 1843 864143
Email : marketing@instro.com Web : www.instro.com