

Meerkat LFA

Lightweight, Stable and Rugged High Performance Pan & Tilt Tripods with Line of Sight Fine Adjust Capability



Main Advantages & Features

- Rugged lightweight and compact design
- Designed for ease and speed of deployment
- Independently adjustable leg angle and telescopic leg length
- Integrated pan and tilt unit with independent axis brakes
- Unrestricted coarse pan range
- Full +/- 45° coarse tilt range
- Line of sight fine adjust mechanism in both pan and tilt
- DMC compatible construction
- Payload quick release mechanisms
- Available in a choice of operational heights

Meerkat LFA (Lightweight Fine Adjust) is an ultra compact lightweight unit which has been optimised for size and weight and designed to allow the user to easily fit a variety of sensor payloads, including those featuring digital magnetic compasses.

The tripod is particularly useful for applications where the payload line of sight must be precisely positioned onto a distant object of interest. The user can position the payload, lock the line of sight and then use the fine adjust mechanism to make very fine adjustments to achieve precise alignment.

Applications

- Target Acquisition / Designation
- Special Forces
- JFO and JTAC's
- Artillery and Mortar fire control

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Outline Specification

Weight (approx)	1.1kg (2.42lbs)
Working height, MAX (nominal)	762mm (30")
Working height MIN (nominal)	160mm (6.3")
Payload capacity (nominal)	5kg (11lbs)
Stowed dimensions (nominal)	Ø120mm (4.7") x 526mm (20.7")
Payload interface (mechanical)	Thumb operated quick release 1/4-20 UNC camera mount
Tilt range of motion (coarse)	±45°
Pan range of motion (coarse)	Unrestricted, 360° full circle
Tilt fine adjust range of motion	±3°
Pan fine adjust range of motion	±6°
Brakes	Independent braking action on coarse range of motion
Operational temperature range	-32°C to +71°C



Options

- Tripod height
- Custom payload adapter assemblies

Accessories

- Interface adapter 3/8 BSW
- Footplate and pin sets
- Carry pouches



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