

Trilite Tripod

Lightweight, Stable and Rugged High Performance Tripods for Alignment Critical Applications



Main Advantages & Features

- Rugged lightweight and compact design
- Short stowed length
- Wide working height range
- Designed for ease and speed of deployment
- Independently adjustable leg angle and telescopic leg length
- 5/8" 11 UNC drawbolt thread
- Claw foot
- DMC compatible construction
- Ground anchor point and ground pinning capability
- Available in a choice of operational heights

Instro's lightweight Trilite tripods are stable, rugged, high performance support platforms suitable for a broad range of applications.

A key component of military observation and border surveillance systems, Trilite is an ideal match for hand held sensors used with manual pan and tilts or light motorised heads.

Trilite has a tough general purpose design constructed from either carbon fibre or aluminium with independently adjustable leg angles and leg lengths for ease of setup on difficult terrain.

The choice of 3 operating heights cater for a wide range of applications whether the user is prone, sitting or standing.

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Outline Specification

Construction

- Trilite A Aluminium construction with a tough black anodised finish.
- Trilite C Carbon fibre composite material and aluminium construction with a tough black anodised and paint finish.

Temperature range

- Operational -40°C to 58°C
- Storage -46°C to 71°C

Weight

- Trilite A
- Trilite C

Min working height

Max working height

Stowed dimensions

Nominal payload

	Compact	Medium	High
Trilite A	1.3kg (2.86lbs)	1.42kg (3.12lbs)	2.4kg (5.28lbs)
Trilite C	1.1kg (2.42lbs)	1.2kg (2.64lbs)	1.9kg (4.18lbs)
Min working height	140mm (5.5")	173mm (6.8")	260mm (10.2")
Max working height	520mm (20.5")	711mm (28")	1450mm (57.1")
Stowed dimensions	Ø126mm x 363mm Ø5" x 14.3	Ø126mm x 473mm Ø5" x 18.6"	Ø126mm x 670mm Ø5" x 26.4"
Nominal payload	25kg (55lbs)	20kg (44lbs)	15kg (33lbs)

Applications

- Remote observation and surveillance cameras
- Artillery and Mortar fire control
- Cooled and uncooled thermal night vision equipment
- Counter IED sensor
- Scientific instrument support; e.g. weather or CBRN monitoring equipment

Accessories

- Ground anchor kit
- Ground pin set
- Cordura carry case



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