



MONTIS Data Sheet

Extend your reach.

Quickly respond to changing conditions.

Keep your crew out of harm's way.

► **Operational Flexibility:** MONTIS is a tool that fills the operational gap between ground crews and helicopters, serving as a primary tool, a backup, or a supplement.

► **Proven Ignition:** The system utilizes field-proven ignition technology that has been trusted by the industry for decades.

► **Cost-Effective:** MONTIS offers a financially smart alternative, expanding mitigation without the high cost of fixed infrastructure.

MONTIS IGNITION SYSTEM

Max Payload	10lbs
Payload Configuration	1× 10lbs, 2× 5lbs
Initiation Type	PWI w/ safety fuse
Delineation Type	Surface detonation or airblast
Charge Type	Cast boosters or ANFO bag

MONTIS PHYSICAL PARAMETERS

Weight (Loaded)	7kg (15.5lbs)
Empty Weight	2.3kg (5.0lbs)
Payload Rail Width	149mm
Payload Rail Diameter	12mm

INTEGRATED UAS PARAMETERS

Empty Weight	11.5kg (25.35lbs)
Weight (batteries, camera, no MONTIS)	20.5kg (45.2lbs)
Weight (batteries, camera, MONTIS)	18.5kg (40.85lbs)
Flight Time	22-30 minutes

Controlled by NDAA Controller with tablet interface for Drone Amplified's Flight App

EO / IR CAMERA

Radiometric Thermal Camera	640 × 512 px at 30Hz
Visual Camera	Full HD 20x optical zoom
Temp Sensitivity	0.050C; Accuracy: ±2 % or ±2 °C (±3.6 °F)
Spectral Range	8 – 14 μm

Fully integrated App control of Gremsy gimbal & thermal camera. See <https://gremsy.com/vio-specs> for details.



DRONE AMPLIFIED