

THeMIS + THREOD KX-4



THeMIS

- Unique Modular Design
- Open Architecture
- Rapid Reconfiguration
- Hybrid Diesel - Electric Drive
- Low Noise Signature
- Stable with Low Center of Gravity
- Multi-Mission Capable
- Robust and Reliable

KX-4

- Tethered (80 meters) or battery powered (up to 45 min) long endurance multirotor
- Fully autonomous take-off and landing
- 4 kg lift capability while tethered, 6kg when wireless
- Multiple plug & play payload options
- Modular design for easy packing
- Reporting tool with geo-referenced imagery

THeMIS + THREOD KX-4 UGV TECHNICAL SPECIFICATIONS



UGV

Dimensions _____ 240 cm x 205 cm x 115 cm

Weight _____ 1650 kg

Payload

Payload Weight (rated) _____ 750 kg

Payload Weight (max) _____ 1200 kg

Performance / Mobility

Max. speed _____ 20 km/h

Ground clearance _____ Up to 60 cm

Max. grade _____ 31 deg / 60 %

Fording depth _____ 60 cm

Pull force _____ 15 000 N

Run time (hybrid, full internal tank) _____ Up to 15 h

Run time (full load, silent mode) _____ Up to 1,5 h

Line of sight control range _____ Up to 2 km

360 deg sensorics & lights

Sensors _____ LiDARs

Cameras _____ IR (MIL-STD-810G), Thermal, HDR

Lights _____ LED, IR

Transportability

Towing speed _____ Up to 80 km/h

Air transportability _____ Designed according to
STANAG 3542

Airlift _____ Helicopter under-slung

Appearance

Available colors _____ Mil Green, Mil Desert

THREOD KX-4 TECHNICAL SPECIFICATIONS



Drone

Dimensions _____ 118 cm x 118 cm x 49 cm

Weight _____ 11 kg

Tethered height (automatic feed) _____ 80 m

Sensors and cameras

EO _____ 30x optical zoom; 2x digital

IR _____ 35mm lens; 8x digital zoom; 640x512

ISR _____ KLV metadata; selectable recording;
reporting tool

Camera _____ 720p HD Live streaming

Safety

Emergency equipment _____ Parachute
(optional)

Mobility

Take off and landing _____ Fully autonomous

Communications

LOS _____ Up to 5 km

Encryption _____ AES-256