

Specifications



System Weight

Indago 4: 3.73 kg (8.2 lbs.)
(No payload, includes 2 batteries)

Hand-Held Radio: 1.27 kg (2.8 lbs.)

Payloads: ND IR: 0.57 kg (1.3 lbs.)

Charger: 2.9 kg (6.4 lbs.)

Hand Controller⁴: 0.54 kg (1.2 lbs.)

Total Weight: 9.01 kg (19.8 lbs.)
(Includes AC and DC power adapters)



Endurance

50-70 minutes⁵



Max Payload Weight

2.27 kg (5.0 lbs.)



Dimensions

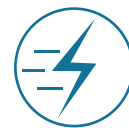
Flight: 108.6 cm x 110.5 cm x 31.8 cm
(42.8" x 43.5" x 12.5")

Folded: 38.4 cm x 22.9 cm x 17.8 cm
(15.1" x 9" x 7")



Range

10 km (6.2 mi.)



Speed

Airspeed: 25 mph

Ascent: 4 mps

⁴ Tomahawk Robotics: Grip S20. ⁵ Depends on battery type and payload.

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Scan the QR code to visit
the Indago 4 webpage

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Indago 4



Indago 4

Indago 4 is a tactical quadcopter purpose-built for vital missions, equipped with an expanded capabilities suite designed to meet the requirements of military and security forces. Indago 4 provides 360-degree reconnaissance and surveillance capabilities with the introduction of on-edge computing to meet the broader missions of 21st Century Security[®] vision. Indago 4 maintains proven mission benefits, including a man-packable design, low acoustic signature, and high quality optics.

Features

- 3 payload interfaces with max capacity of 5 lbs. combined
- Visual Based Navigation using Northstar™ software¹
- Available with ATAK or VCSi GCS software
- Man-packable and backpackable
- Open system architecture
- 2 hot-swappable batteries for rapid deployment²
- TSA compliant for airline transport
- 4-port battery charger
- Rugged, all-climate design
- Supports multiple radio configurations
- On-edge computing enabling AI and machine learning
- Motors improved for efficiency and cooling
- Automatic high-speed descent with flared landing
- Tether compatible in the future
- Whisper Quiet

¹ Beta release functionality limited to some use cases and will enable increasingly advanced navigational capabilities, features, and functionality through future software updates. ² Extended endurance battery is currently under development.

Rapid Deployment

Designed for superior mobility and swift deployment, the Indago 4 system is ruggedized and compact enough to fit with a standard backpack. It can be rapidly deployed in approximately 2 minutes, ensuring immediate readiness for mission-critical operations.



Backpack specs: 23.5" L x 15.5" W x 13.25" H (~4,826³)

Ground Control Station



Tomahawk Robotics Grip S20



ATAK



VCSi Touch³

³ Using Windows-based hand controller, not shown

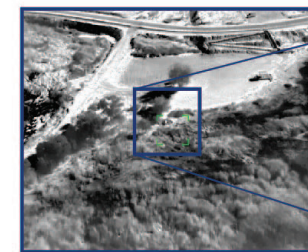
Noctis Dual IR



Features

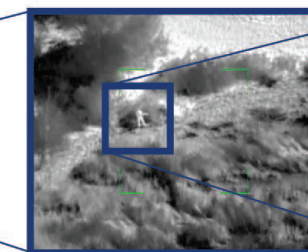
- Digital zoom from 32° to 2° FOV, 8° narrow HFOV Lens (16X zoom with seamless transition between cameras)
- Dual FLIR Boson IR cameras provide 640 x 512 video and still imagery streamed to hand controller and recorded onboard
- IR laser illuminator for high accuracy targeting with 50 mW low power; 650 mW high power
- Vision processing provides feature tracking of objects, reducing operator workload
- 3-axis gyro and software stabilization
- Real-time geo-location and geo-pointing capability

Standard



Slant Range: 843 ft.
NIIRS: 5.3

Zoom 4X



Slant Range: 843 ft.
NIIRS: 6.3

Zoom 16X



Slant Range: 843 ft.
NIIRS: 7.2

ION 30X MK2



Features

- 30x optical zoom for detailed target identification and ISR operations, (2° fully zoomed)
- 720P live video feed from large global shutter imager
- Vision processing provides feature tracking of objects, reducing operator workload
- 3-axis mechanical and electronic stabilization for rock solid imagery, even in worst conditions
- Real-time geo-location and geo-pointing capability

Standard



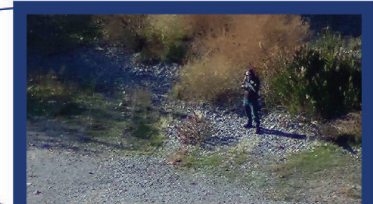
Slant Range: 981 ft.
NIIRS: 5.0

Zoom 15X



Slant Range: 981 ft.
NIIRS: 7.4

Zoom 30X



Slant Range: 981 ft.
NIIRS: 9.0

The Indago 4 is also integrated with Heimdal by AirRobot, Trillium HD 40 LV and HD 40 XV.