Indago 3

Unmanned Aerial Vehicle (UAV)

The Lockheed Martin Procerus Technologies Indago vertical takeoff and landing (VTOL) small unmanned aerial system (UAS) brings expeditionary intelligence, surveillance, and reconnaissance (ISR) applications.

2 Minute Deployment

Ruggedized, backpackable, and rapidly deployable, the Indago system weighs less than 10 lbs., fits within a small backpack, and deploys in approximately 2 minutes. With industry-leading endurance and high resolution payload options, and low acoustic signature, Indago provides tactical situational awareness and intelligence collection capabilities for military and government customers around the globe.

Features and Specifications

In addition to its compact folding design and quick setup time, features include: • Tactically quiet - Low acoustic signature, undetectable above 300' AGL

- Rugged, all-weather capability IP 54 (pursuing IP 67)
- Endurance 50-70 minutes of endurance with payload • Aircraft Datalink Range – 10-12KM (expandable to radio range of 20-30KM)
- MANET MESH network capable
- Ease of employment and operation
- Industry-leading image stabilization
- High resolution payloads

• Configurable failsafe behaviors

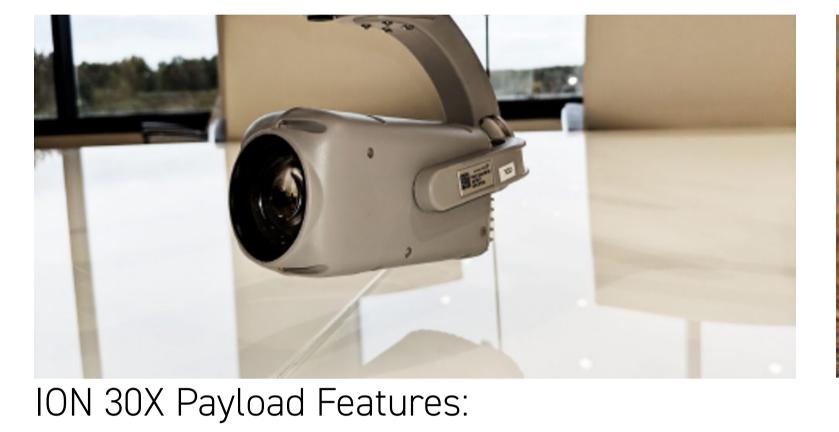
- Multiple hot-swappable payload options
- Gross takeoff weight of 5 lbs. with payload included (2,268 grams)
- UAV dimensions (L x W x H):
- o Open: 32 x 32 x 7 o Folded: 12 x 9 x 6
- Operating altitude of 10-500 ft. AGL (typical), 18,000 ft. MSL



Military-Grade Payloads Combined with the aircraft's whisper quiet acoustic signature, the high resolution camera systems provide users with incredible zoom capability used to accurately

identify people, objects, vehicles, and weapons.

The EO or daytime cameras include low light settings for twilight, nighttime, and cloudy days. The IR cameras providing thermal infrared capabilities for covert night time operations providing heat signatures in white hot, black hot, and heat map color displays for detailed analysis and situational awareness in the darkness.



• 30x optical zoom for detailed target identification and ISR operations

- Crisp 720P live video feed from large global shutter imager
- Industry-leading 3-axis mechanical and electronic stabilization
- for rock solid imagery, even in the worst conditions
- Vision processing provides feature tracking of objects, reducing operator workload
- Real-time Geo-location and Geo-pointing capability
- **Specifications** Video.....720P global shutter

Optical Zoom.....Level 30x (2° fully zoomed FOV)

Stabilization.....3-axis mechanical and electronic Weight......470 grams



• Dual FLIR Boson IR cameras provide 640x512 video and still imagery streamed to Hand Controller and recorded onboard

- Digital zoom from 32° to 2° FOV with seamless transition between cameras
- Integrated laser pointer for high accuracy targeting
- Vision processing provides feature tracking of objects, reducing operator workload
- Real-time geo-location and geo-pointing capability
- Image Capture......32° Wide HFOV Lens, 8° Narrow HFOV Lens

Video.....IR: 640x512

Specifications

Stabilization.....Roll/Pitch mechanical and electronic Weight.....570 grams

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We're here to help you accomplish your mission, from tactical

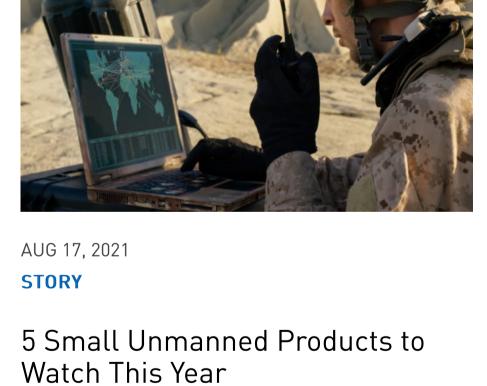
situational awareness to intelligence collection capabilities.

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tech that flies in small packages, Lockheed Martin has your small unmanned system needs covered.

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Martin's Indago 3 UAS For Tactical Reconnaissance And Surveillance

Armasuisse contracted Lockheed Martin (LMT) for a fleet of Indago 3 small unmanned aircraft systems (UAS), with options for spares, training and tech support and additional systems for the

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Swiss Army.



ADDITIONAL INFORMATION ____

<u>Indago 3TM Factsheet</u>



Indago 3T Brochure

CONTACTS ____

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Business Development

UAS Customer Support

Phone: 801-788-3248

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