



Indago 3TM

Persistent Autonomous Mobile Operations



Indago 3™

OVERVIEW

Powered and controlled through its tethered subsystem, the Indago 3™ delivers continuous 360-degree communications, intelligence, surveillance, and reconnaissance support for diverse mission sets. Equipped with its Deck and precision flight software, Indago 3™ executes on-the-move tethered operations day or night. Indago 3™ maintains the critical mission benefits of non-tethered Indago including whisper-quiet operation, tactical mobility, and high quality imagery.

FEATURES

- Ground-based or vehicle mountable system
- On-the-move vehicle deployment
- Autonomous launch and landing
- Precision station keeping and landing
- Auto-tensioning reel system
- Ruggedized for rain and dust
- Landing gear securing system
- Standardized image-based GPS-denied capability
- Intuitive control station
- Zero radio frequency [RF] emissions
- Hot-swappable payload options
- Image stabilization with vision tracking
- Comms extension



APPLICATIONS

Border protection
Situational awareness
Damage assessment
Persistent ISR
Critical infrastructure protection

SYSTEM COMPONENTS

1. Aircraft
2. Deck
3. Autonomous Control Engine [ACE]
4. Tether Battery Back-up
5. Operator Control Unit



Operating speed
30 mph



Endurance
8+ hours



Max. operating altitude
without GPS - 100 ft



Landing time
60 seconds from 100 ft



Deck weight
145 lb



Deck footprint
28" x 28"

ION ZOOM PAYLOAD

- HD daytime and low light camera
- Video: 720 P Global Shutter
- Zoom: 30X Optical plus 2X digital
- Stabilization: 3-Axis gyro
- Weight: 471 g [1.04 lbs.]

NOCTIS DUAL IR PAYLOAD

- Image Capture: 32° Wide Lens
8° Narrow Lens [16X zoom]
- Video: IR 640 x 512
- Stabilization: 3-Axis gyro
- Weight: 570 grams [1.25 lbs.]

BUSINESS DEVELOPMENT CONTACT

JEFF GARDNER: 801-310-4333 | JEFF.D.GARDNER@LMCO.COM

PIRA: MAN202108009

© 2021 Lockheed Martin Corporation. All Rights Reserved