

**ALTUS**  
Land Sea Air



## ATLAS 204 A20

### Man Portable ISR Quadcopter Drone System

#### Quality / Performance

- Small Logistics Footprint - Folded ←
- Easy Field Transport e.g. Backpack ←
- High Payload Weight to MTOW Ratio ←
- High Quality Materials – EU Origin ←
- Operation in Extreme Weather Conditions (Wind & Temperature) ←

#### Communication / Control

- Collision Detection Sensors ←
- Secure RF Link ←  
(AES 256 Encryption)
- Parachute Option for ←  
Extra Security
- FPV Camera Option ←  
(Bird's Eye Mode)



## INNOVATIVE UAS TECHNOLOGY



#### HQ & Technical facility address:

Oasi Agias, P.C. 73100  
Chania Crete, Greece

#### Athens Office Address:

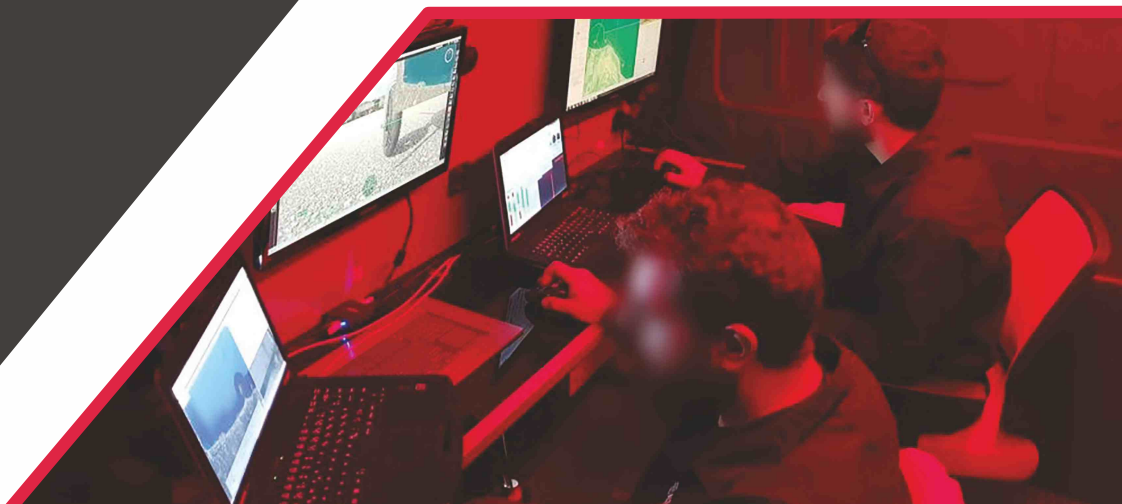
110 Marathonos Avenue  
Gerakas Athens Attica

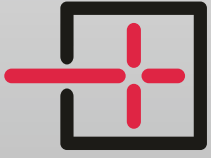
+30 28210 44492

F: +30 28210 44493

info@altus-lsa.com

www.altus-lsa.com

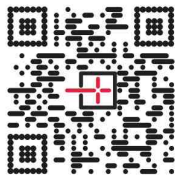




# ATLAS 204 A20

## Overview

**ATLAS 204 A20**, is a multicopter with configuration of four arms and one electric motor in each arm, vertical take-off and landing, high specifications, with the ability to support a **vast range of operations**, while being able to be deployed and operated by **one (1) pilot** and take-off within 120 seconds. It is specially designed and developed based on the EN60259 standard, with a corresponding degree of protection for the mechanics, electronics and optics instruments, **IP55**, in order to be able to operate in harsh environmental conditions. The system has also integrated 4 x LiDAR sensors for collision avoidance to a maximum range of 12-15m.



## Technical Specifications

**Dimensions** (length - width - height): 617x568x400 [mm]  
**Take - off weight with EO/IR sensor:** 5.0 - 5.5 [kg]  
**Maximum take - off weight (MTOW):** 6.5 [kg]  
**Maximum Payload Capacity:** ~2 [kg]  
**Endurance:** 60 [mins] (depending on configuration)  
**Telemetry & Video Range:** 10 - 15 [km] LOS (depending on configuration)  
**Degree of Protection:** IP55  
**Maximum flight altitude:** 9,000 [ft]  
**Positioning system:** GNSS (GPS & GLONASS)  
**Frequency of communications:** 2.4 [GHz]  
**Temperature operating range:** -20 [°C] to +50 [°C]  
**Automatic Take-off & landing:** Yes  
**Number of operators required:** One [1]  
**Propulsion system:** Four [4] Electric Motors  
**Navigation lights:** Yes, on/off



## ATLAS 204 A20

### Payload Options & GCS



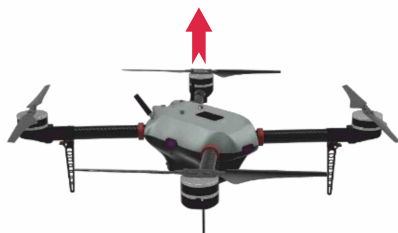
Dual EO/IR Camera - Option 1



Dual EO/IR/LRF Camera with AI Features - Option 2



Parachute



Speaker



#### Ground Control Station

Windows Based  
M3NTOR C3 system  
FHD screen  
UAV & payload command & control  
Mesh radios

