

# A.D

Aquiline Drones



## AQUILINE DRONES Spartacus Max<sup>®</sup>

SYSTEM OVERVIEW

# AQUILINE DRONES

## Spartacus Max<sup>®</sup>

THE HEAVY LIFTER



19.68 inches

23.62 inches

### PAYLOAD

Take-off weight  
14.66 lbs.

Max. payload\*  
6.6 lbs.

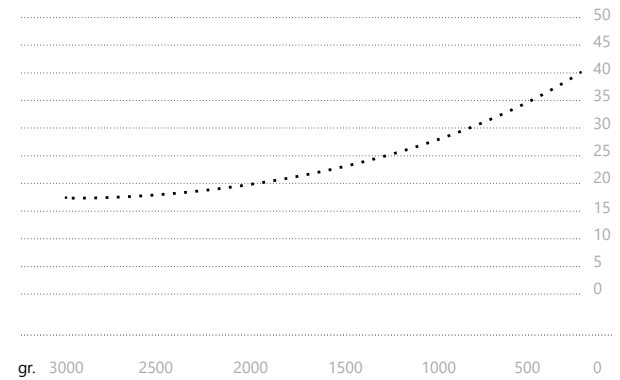
\* For optimal performance

### FLIGHT TIME

Max. flight time\*\*  
Up to 40 minutes

Battery  
22.2V - 20.000 mAh

\*\*Depending on conditions & payload



### WEATHER CONDITIONS

Max. wind speed  
Up to 35 mph

Weather  
Dry to light rain or snowfall

### FLIGHT PERFORMANCE

Max. cruise speed  
44 mph

Average cruise speed  
11 mph (adjustable)

Power plant  
8 brushless electric motors

Electrical power  
20.000 mAh battery

Propellers  
8 x 16 or 17 inch

Material  
3K Carbon fibre monocoque

### AIRCRAFT DIMENSIONS

Length x Width  
23.62 inches x 23.62 inches (excl. propellers)

Height  
19.68 inches

Max. take-off weight  
21.27 lbs.

### FREQUENCIES

Controller  
2.4 Ghz

Telemetry  
868/900 Mhz

Range  
\*3280 feet

Video frequency  
5.1 - 5.8 Ghz

\*modification for further range are available on request

### JOYSTICK CONTROLLER

Control functions  
12 Channel manual RF control  
GPS / Altitude Hold

Auto fly home and landing  
Camera angle control  
Camera shutter and zoom  
Multiple camera switching  
Automatic fail-safe system (signal loss)

Telemetry (data display)  
Battery voltage (V)  
Battery usage (mAh)  
Range / Signal status

### TABLET CONTROLLER

Control functions  
Auto take-off and landing  
Auto fly home and landing  
GPS waypoint navigation  
Camera point of interest  
GIS mapping

Telemetry (data display)  
Battery voltage (V)  
Height & distance (meters)  
GPS longitude/latitude coordinates  
Number of GPS satellites  
Flight-time (min)  
Joystick display  
Battery usage (mAh)