

IMPOSSIBLE US-1

at a glance

Aircraft:

- External Dimensions:
660 mm x 660 mm (26" x 26")
- Unladen Mass: 7.1 kg (15.7 lb s)
- Flight time: Up to 120 minutes
- Rated Payload: Max 1.3 kg (2.9 lbs)
- Flight Time with Rated Payload:
Up to 78 minutes
- Speed: Up to 19 m/s (42 mph)
- Distance: Up to 75 kilometers
- Propeller: 610 mm x 183 mm (24" x 7")
- Autopilot: Px4
- Ingress Protection: IP43 level
- Operating Temperature Range:
0°C - 50°C (32°F - 122.0°F)
- GPS

Hardshell case included

Remote Controller:

- 16 Channels
- Daylight Legible Backlight LCD 128x64
- Real Time Flight Data Display
- Teacher-Student Link

Sensors:

- Flir Duo Pro R

*For additional sensor options, contact
support@impossible.aero*

Battery:

- Best in Class Battery Management System
- Battery Type: Lithium Ion

Charger:

- Fast charge in under one hour

Ground Station:

Hardshell Case includes -

- Video Screen: 20"
- Control Screen: 12"
- Built in Battery Capacity: 5 hours
- Encrypted Video Link: AES-128
- Video Latency: 1-2ms
- Ground Control Software: QGroundControl
- Video Transmission: 1080 Full HD, 60fps