The H520 is built for inspection, law enforcement, security, construction, surveying, and mapping applications in addition to offering cinematic imaging payload systems.

AIRCRAFT

Flight Time Up to 28 min. (depending on payload weight)

Size 520 mm X 457 mm X 310 mm (20.5 in. X 18.0 in. X 12.2 in.)

Airframe Weight (with battery) 1645 g (3.6 lbs)

Battery Lithium Polymer

Battery Capacity / Voltage 5250 mAh 4S/15.2V (79.8Wh)

Charger SC4000-4H

Transmitter ST16S Personal Ground Station

Maximum Flying Height (Relative Altitude) 500 m (1640 ft)

Maximum Rotation Rate 120 degrees/second

Maximum Roll Angle 35°

Maximum Climbing Speed 4 m/s (8.9 mph)

Maximum Horizontal Speed (Manual Mode) 17 m/s (38 mph)

Maximum Horizontal Speed (Angle Mode) 13.5 m/s (30 mph)

Maximum Descending Speed 2.5 m/s (5.6 mph)

GROUND STATION

Operating System Android™

Number of Channels 16

Control Transmission Distance / Range (Optimum Conditions) Up to 1.6 km (1 mile)

Video Link Resolution HD 720p

Video Link Frequency Band 5.8 GHz Wifi

Video Transmission Distance / Range (Optimum Conditions) FCC Compliance: Up to 1.6km/1 mile CE Compliance: Up to 1.6km/1 mile

Flight Systems Telemetry Data on Screen Display (OSD) Yes

LCD Screen Size 7 inches (17.8 cm)

Built-In Li-Ion Battery Voltage / Capacity 3.6V 8700 mAh 31.32 Wh Li-ion