

Technical specifications

HARDWARE

Wingspan	110 cm (43.3 in)
Weight	1.1 kg (2.42lb)
Motor	Low-noise, brushless, electric
Radio link range	3 km nominal (up to 8 km ¹) / 1.86 mi (up to 4.97 mi ¹)
Detachable wings	Yes
Sensor (supplied) ²	Parrot Sequoia

SOFTWARE

Flight planning & control software (supplied)	eMotion Ag
Image processing software (optional)	Pix4Dmapper Pro/Ag

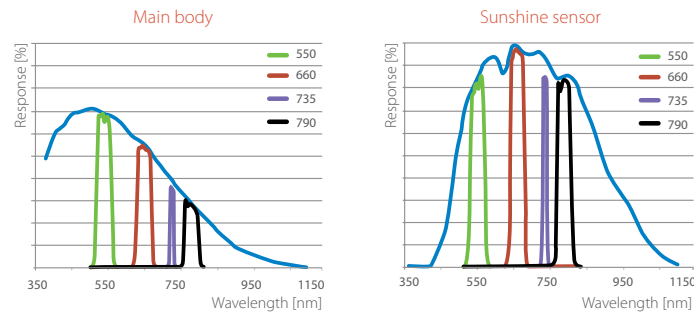
OPERATION

Automatic 3D flight planning	Yes
Cruise speed	40-110 km/h (11-30 m/s or 25-68 mph)
Wind resistance	Up to 45 km/h (12m/s or 28 mph)
Maximum flight time	55 minutes
Automatic landing	Linear landing with ~ 5 m (16.4 ft) accuracy
Ground control points (GCPs)	Optional
Hand launch (no catapult required)	Yes

RESULTS

Nominal coverage at 120 m (400 ft)³	200 ha (~500 ac)
GSD multispectral	12 cm/px (4.72 in/px)
GSD RGB	3.1 cm/px (1.22 in/px)
Maximum coverage at 2,000 m (6,500 ft)⁴	3,000 ha (~7,400 ac)
GSD multispectral	2 m/px (6.56 ft/px)
GSD RGB	55 cm/px (21.65 in/px)

SEQUOIA



- Four 1.2 MP spectral cameras
- Up to 1 fps
- One 16 MP RGB camera w/rolling shutter
- 64 GB built-in storage
- IMU & magnetometer
- 5 W (~12 W peak)
- 72 g (2.5 oz)

- 4 spectral sensors (same filters as body)
- GPS
- IMU & magnetometer
- SD card
- 1 W
- 35 g (1.2 oz)

¹ In ideal conditions

² Optional in Turkey

³ Flight altitude above ground level; results excl. reconstructible zone around planned area

⁴ Flight altitude above ground level; results incl. reconstructible zone around planned area