

eBee SQ

Merit Technologies Sdn Bhd

RESULT

Ground sampling distance	Down to 4 cm (1.5 in)/pixel (multispectral)
Absolute X, Y, Z accuracy (RTK/PPK activated)	-
Absolute horizontal/vertical accuracy (w/GCPs)	Down to 8 cm (3.1 in) / 12 cm (4.7 in) (multispectral)
Absolute horizontal/vertical accuracy (no GCPs)	1 - 5 m (3 - 16 ft)
Nominal coverage at 120 m (400 ft) ²	200 ha (~500 ac)
Max. coverage at 2,000 m (6,500 ft) ³	30 km ² (11.6 mi ²)

HARDWARE

Dimensions	-
Wingspan	110 cm (43.3 in)
Weight (incl. supplied camera & battery)	1.1 kg (2.4 lb)
Radio link range	3 km nominal (up to 8 km) / 1.86 mi (up to 4.97 mi)
Cameras (supplied)	Parrot Sequoia
Cameras (optional)	-

SOFTWARE

Flight planning & control software (supplied)	eMotion Ag
Image processing software (optional)	Pix4Dag

OPERATION

Automatic 3D flight planning	Incl. in eMotion Ag
Cruise speed	Incl. in eMotion Ag
Wind resistance	Up to 45 km/h (12 m/s or 28 mph)
Max. flight time	55 minutes
Max. flight range	41 km (25 mi)
Hand launch	Yes
Landing	Automatic, linear with ~5 m (16.4 ft) accuracy
Ground control points	Optional