

GreenValley LiAir V70

Specifications

Laser Sensor:	Livox AVIA
Range Accuracy:	±2 cm
Detection Range (@100klx):	190 m @ 10% reflectance, 450 m @ 80% reflectance
System Accuracy:	± 5 cm
POS System Performance:	Attitude: 0.008° (1σ) Azimuth: 0.038° (1σ)
Onboard Storage:	128 GB
Working Temperature:	-20 °C - 40°C
Mounting Platform:	DJI's Matrice 600 Pro, M300 RTK & M210
Camera (Optional):	Sony A5100
Weight:	0.9 kg (Excl. Camera) 1.1 kg (Incl. Camera)
Dimensions (Incl. Camera):	178 x 81.6 x 140.2 mm
Acquisition/PP POS Software:	LiAcquire Web & LiGeoreference
Field of View:	70.4° (Horizontal) x 4.5° (Vertical)
Scan Rate:	240,000 pts/s
MAX Points Per Second:	720,000 points/s (triple return)