

TECHNICAL SPECIFICATIONS

LASERSCANNER

Type	FARO Focus 3D X- and S-series
Scanner max range	Up to 350m
Max measurement range	967,000 pts/second
3D positional accuracy	3.5 mm @25m distance
Safety	Class 1, eye-safe
Data storage	256GB SD-card
Mass	4,2kg
Scanning mode	Helical
Vertical Field-of-View	300°



BEEEMOBILE

Dimensions (Ready to Fly)	40 x 24 x 40cm
Total mass	9kg
System	click on/off easy in use
Mountable on	bicycle, motorcycle, car, boat, ...

TRIMBLE APX-20 UAV GNSS-IMU

High-performance Direct Georeferencing (no Ground Control Points needed)
 Survey-grade multi-freq. GNSS receiver (GPS L1/L2, GLONASS, BeiDou, Galileo,...) + dual MEMS IMU (200Hz data rate)
 Fully integrated into STORMBEE avionics
 GNSS post-processing can be based on either own local or Applanix Smart base stations network worldwide

BEEFLEX

Export formats : LAS and E57
 GNSS post-processing and Geo-referenced pointcloud reconstruction software package , (in combination with PosPac UAV).
 Shows flight trajectory on Google Maps background to allow user to easily select what parts of flight (and thus LIDAR data) should be used in post-processing.
 BEEFLEX includes strip adjustment, calibration and trajectory correction.
 Very user-friendly, requires less than 1 hour of training.



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