



# MOBILE 3D LASER SCANNING SOLUTIONS



- The **ONLY** highly accurate, lightweight, affordable and easy-to-use 3D Mobile Mapping Solution
- Lightweight: **Only 24 lbs**
- Rapid, Simple Post Processing: 1 mile @ 20mpg = **~45 minutes TOTAL**
- Seamlessly integrates with quality FARO scanners



## BEEMOBILE®

- **ONLY 24 lbs**
- Intuitive and simple suction cup attachment to car, truck, boat with 440lb strength
- NiMH batteries with battery case
- Project length: >4 hours
- Dimensions (L x W x H): 15" x 9" x 18.5"
- Trimble APX-20 UAV GNSS-IMU fully integrated with BEEMOBILE® positioning system

- Relative accuracy: 0.04" - 0.6"
- Absolute accuracy: up to 2" ground control points
- Survey-grade multi-frequency GNSS receiver (GPS L1/L2, GLONASS, BeiDou, Galileo, etc)
- Dual MEMS IMU (200Hz data rate)



## COMPATIBLE 3D LASER SCANNERS (NOT PROVIDED):

- FARO Focus 3D scanners WITH automation mode (X-Series and S-Series w/ automation mode)
- Scanner max range: Up to 1,148ft
- Maximum measurement range: 967,000 pts/second
- 3D positional accuracy: 0.14" @ 82-feet distance
- Safety: Class 1 eye-safe
- Data storage: 256GB SD card
- Mass: 9.25 lbs to 11 lbs
- Scanning mode: Helical
- Vertical field-of-view: 300°

## BEEFLEX™ SOFTWARE INTUITIVE - EASY TO LEARN - EASY TO USE

Export formats:  
LAS, E57

- BEEFLEX Software was developed for ease of use and exceptionally fast post processing.
- 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 should be used in post-processing
- Further post-processing possible with 3rd party mobile mapping software, such as TerraSolid, to improve accuracy (up to 3x)

## BASE STATION DATA:

Static GNSS data can be recorded using a portable base station (optional) or can be downloaded directly from the Applanix Smartbase worldwide network.



# BEEMOBILE®

UNBEATABLE ACCURACY IN MOBILE 3D LASERSCANNING

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# QUALITY, FAST AFFORDABLE >>>

1 MILE @ 20MPH = ~45 MINUTES  
POST PROCESSING TIME



STORMBEE™ UAV