TerrusS

ULTRA LOW DRIFT | COLOURISED |MOBILE | ACCURATE

THE BEST IN-CLASS SLAM SYSTEM

TerrusS

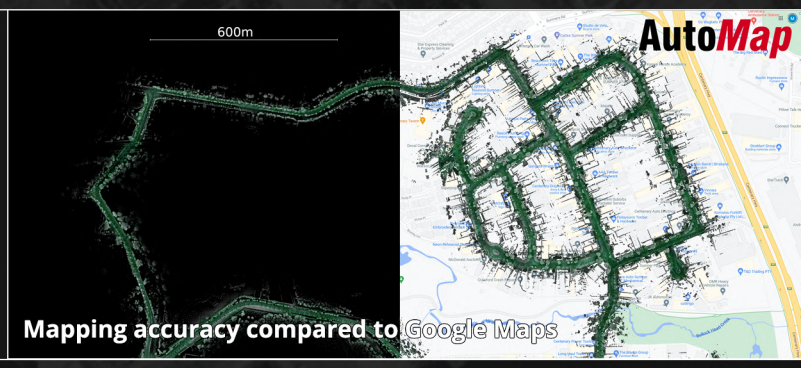
LARGE SCALE GLOBALLY ACCURATE SCANS IN MINUTES

Introducing the **TerrusS** by AutoMap. **TerrusS** is designed to capture city-scape and urban streetscapes that are otherwise very difficult to map. Avoid shutdowns and travel further in busy environments to capture HD map data in GPS-denied areas that are typically hard and time-consuming to capture. Built with the CSIRO's prize winning WildcatSLAM odometry engine, the **TerrusS** has been vigorously tested in a wide variety of survey applications. Ruggedly designed to suit all situations, the **TerrusS** includes a tightly coupled GPS solution to collect colourised map data in a global projection frame. This combination makes the **TerrusS** the ideal solution for a wide variety of mobile survey scanning applications.

POWERED BY WILDCAT SLAM

1st prize for most accurate maps in
the DARPA Sub-T challenge 2021

Winner of the
Hilti SLAM challenge 2022



Mapping accuracy compared to Google Maps

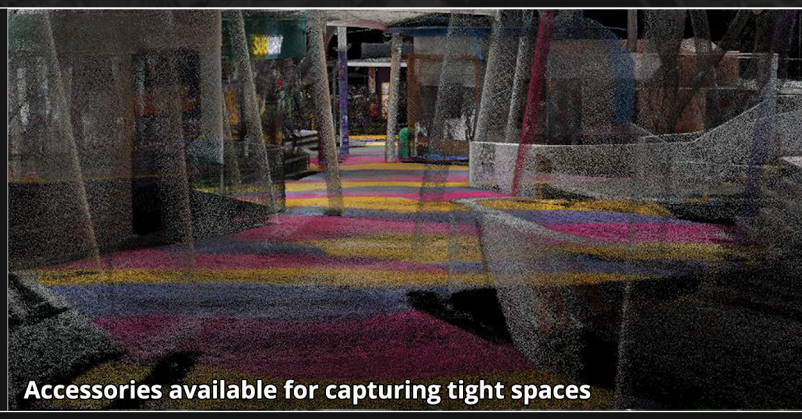
Large Scale Scan - Captured in 40 minutes

SENSOR SPECIFICATIONS

RANGE	100m
FILE TYPE	Las or PLY
IP RATING	Ip 65
OPERATION	Real-time
WEIGHT	2.4kg
CAMERAS	4k Colour Cameras
FIELD OF VIEW	360 Degrees
LIDAR	Rotating vlp-16
LOCAL RESOLUTION	10-20mm
PIONTS/SECOND	300 000**
POWER	12-36 Vdc
GPS	RTK and Atlas services

TERMINAL SPECIFICATIONS

SIZE	11.6" FullHD 1080p
INTERFACE	Touch Screen
WIFI	802.11 abgn
SSD	2Tb
RAM	32Gb
GRAPHICS	512-Core Volta GPU
CPU	8-core ARM 64-bit
POWER	12-42Vdc



Accessories available for capturing tight spaces

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AutoMap