MINE SURVEYING

ULTRA LOW DRIFT | COLOURISED | MOBILE | RUGGED

TerrusM

BEST IN-CLASS

SLAM SYSTEM

FAST AND ACCURATE UNDERGROUND MAPPING

Working hand in hand with the Australian mining industry, Automap's ***TerrusM*** has been manufactured with the end users in mind, providing the best in-class SLAM system currently on the market worldwide. Excelling at large-scale survey applications, the ***TerrusM***'s ultra low drift software generates stunning globally accurate subterranean maps with sub-2cm accuracy and localisation precision*. Furthermore, the system's user-friendly yet rugged design allows surveyors to capture rapid Full HD colourised maps at the push of a button no matter the environment.

Experience the next generation of Mobile SLAM capabilities with the ***TerrusM*** today!

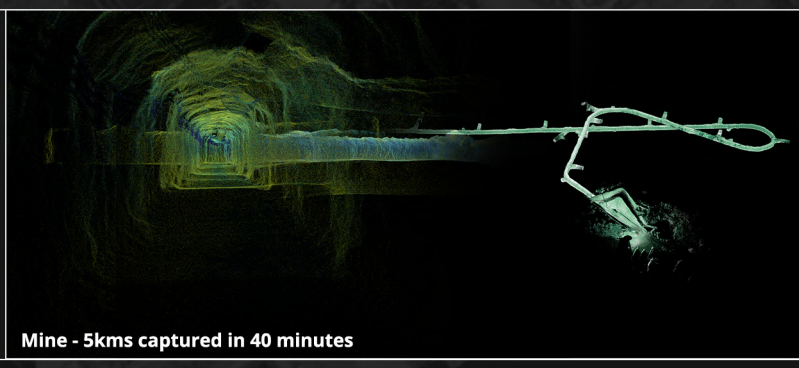
POWERED BY WILDCAT SLAM

1st prize for most accurate maps in

the DARPA Sub-T challenge 2021

Winner of the

Hilti SLAM challenge 2022



Mine - 5kms captured in 40 minutes

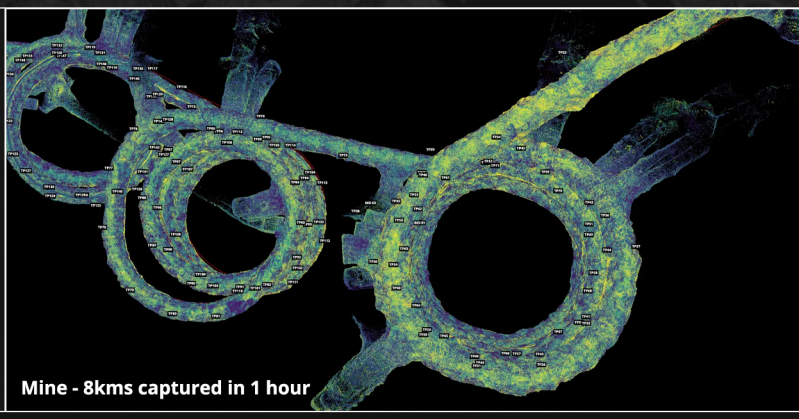
Mine Site - Captured in 20 minutes

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



Mine - 8kms captured in 1 hour

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AutoMap