



AM-VECTOR

Wireless Limitless

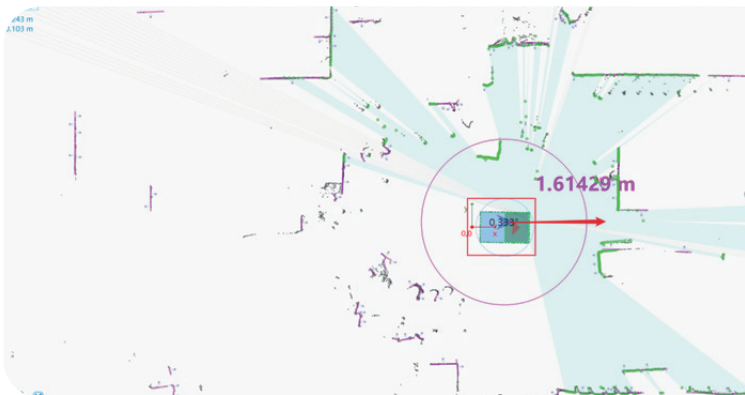
As a new member of the Scanology AM family, AM-Vector utilizes a new hybrid mobile robot and wireless scanning technology. Coupled with the wide-range visual tracking of Scanology Trackscan, it achieves highly flexible automatic measurement.



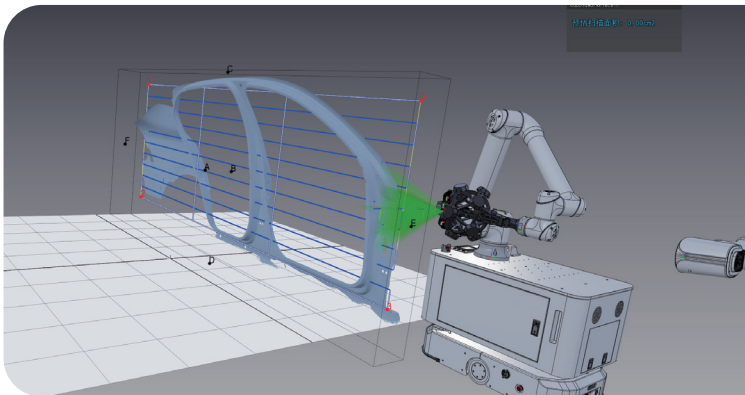
Features



Fully integrated with DefinSight automatic measurement software, it supports a complete automatic scanning process. It enables automatic scanning, automatic calibration, and automatic output of scanned point clouds (STL, ASC) and measurement reports.



High-precision LiDAR and SLAM are used for navigation, and positioning. AGV/AMR can be precisely positioned through reflective positioning markers. It supports automatic charging and complies with CE certification.



The new DefinSight PathPlanning software now supports AM-Vector for virtual path planning and simulation, ensuring higher efficiency and safety in work and use.

Item		Description
AMR Model	Elite	Arm Reach 1304mm, battery endurance 6H, charging power 1Kw
	Aubo	Arm Reach 1350mm, battery endurance 5H, charging power 0.6Kw
	Seer	Arm Reach 1304mm, battery endurance 6H, charging power 1Kw, CE Certification
3D Scanner	Sharp SA	Maximum tracking distance 8.5 meters, Accuracy up to 0.025mm, supports Wifi.
	Sharp EA	Maximum tracking distance 7.2 meters, Accuracy up to 0.025mm, supports Wifi.
	Nimble-A	Maximum tracking distance 4.2 meters, Accuracy up to 0.025mm, supports Wifi.

SCANTECH (HANGZHOU) CO., LTD. (HQ)

0086 571-85852597

0086 571-85370381

www.3d-scantech.com

info@3d-scantech.com

Building 12, No.998, West Wenyi Road, Yuhang District, Hangzhou, Zhejiang, China

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