

PRODUCT DATA SHEET

NavVis VLX

Physical

Design	Wearable
Dimensions (H x W x L)	108 x 33 x 56 cm
Weight	9.3kg
Housing	Anodized aluminum

Operation

Battery	2 x 2 Li-ion V-Mount Micro, hot swappable
Operating time	1.5 hours (with 1 set of 2 batteries)
Memory	1TB removable
Sensors	WiFi, Bluetooth, IMU

Laser Scanners

Number of laser scanners	2 x 16-layer
Laser class	1, eye-safe per IEC 60825-1:2007 & 2014
Wavelength	903nm
Field of View (FOV)	360° horizontal, 360° vertical
Range	Max. 100m
Points per second	2 x 300,000

Cameras

Number of cameras	4
Image resolution	4 x 20 megapixel
Focus	Fixed
Lens	Fisheye, 3.3mm, aperture f/2.4

*Environment dependent:
Measured in a room of 100m². All accuracy statements are one sigma.

Accuracy

Relative accuracy of point cloud*	8mm
Control point support	Ground and wall

Output

Images	JPEG
Point cloud	E57, LAS, PTS, XYZ, PLY

Environment

Operating temperature	5°C to 35°C, non-condensing
Robustness	Indoors and building surroundings

Display

Type	AMOLED
Dimensions	5.5"
Resolution	1080 x 1920
Touch technology	Capacitive multi-touch

Transport Case

Dimensions (H x W x L)	47 x 51 x 78cm
Weight (fully equipped)	26.8kg

NavVis

navvis.com/vlx
linkedin.com/company/navvis
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NavVis is the global market leader in indoor spatial intelligence technology and enterprise solutions.

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