Rovi i.1

A Complete Reality Capture Package

Everyday Scanning for Actionable Insights

The Rovi i.1 Mobile Laser Scanner and subscription package, including FARO Sphere® XG and SCENE Software, simplify the capture, management, and use of digital reality data in one complete reality capture solution.

VALUE

Deliverables Your Team Already Asks For

Generate floorplans, room measurements, volumetric analysis, gaussian splats, and as-built documentation that support planning, verification, coordination, and project decision-making.

Know the Scan is Good Before You Leave Site

Real-time preview helps teams verify capture coverage while still on site, making it easier to identify missing areas before work progresses and reducing the need for return visits.

Capture Without a Specialist

Simple walk-and-scan workflows help more users document site conditions and generate measurable point cloud data without relying on dedicated reality capture specialists.

Faster Time to Data

Upload and process captured data in FARO Sphere XG where teams can view, measure, and review project information. Sync with SCENE for a deeper analysis of the captured data.

Compare What is Built Against What Was Designed

Compare captured site conditions against floorplans and BIM to identify deviations, verify work, and maintain a clearer record of project progress over time.

Buy What the Work Needs

An optional accessory pack extends Rovi i.1 with an GNSS/RTK receiver for georeferenced workflows, a HighRes PanoCam, Close-up Camera, and Monopod Holder for enhanced documentation.

Designed for everyday capture and clearer insights, Rovi i.1 makes it easier to document site conditions, verify progress, and create measurable digital records.

Speak with a FARO INSIGHT expert to see how it can support your workflows.

FARO INSIGHT / AMETEK®

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What's Included With Rovi i.1

Combined with a software subscription package that includes FARO Sphere® XG and SCENE, Rovi i.1. provides a complete package for capturing, managing, and working with digital reality data. Optional accessories are available to support georeferenced workflows, enhanced visual documentation, and extended field operation.

SPECIFICATIONS	VALUE
Points per Second	200,000
Weight *(Device, Handle, Battery)*	1.24 kg
Operating Temperature	-10 to 40° C
Storage	256 GB
Battery Life	2 hours typical
Range	40 m @ 10% reflectivity / 70 m @ 80% reflectivity
Accuracy	8 mm*

*Accuracy was calculated against 26 known reference points across a 250 m² scanned area

Reality Capture Package

Scan Essential
(3-year subscription)

- 1 TB Storage
- 1x Full User *(FARO Sphere XG & SCENE)*
- 4,000/Annual Tokens*

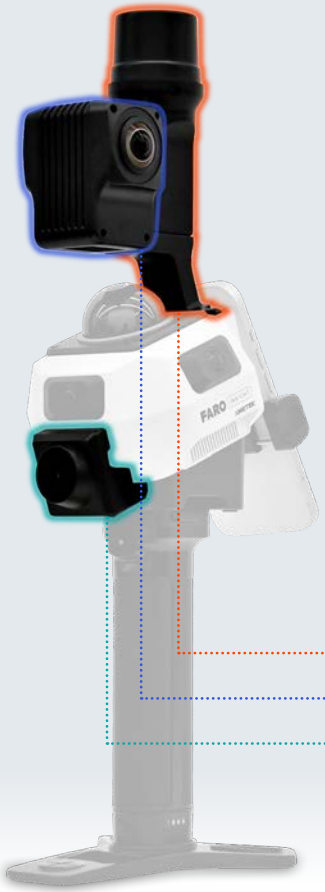
Scan Professional
(3-year subscription)

- 2 TB Storage
- 3x Full Users *(FARO Sphere XG & SCENE)*
- 12,000/Annual Tokens*

Scan Enterprise
(3-year subscription)

- 4 TB Storage
- 5x Full Users *(FARO Sphere XG & SCENE)*
- 24,000/Annual Tokens*

*Token usage varies per task.



Included With the Base Unit

- Rovi i.1 Walk-and-scan Unit
- Battery With Trigger Button
- Magnetic Phone Holder
- USB Charging Cable
- Carry Case
- Cleaning Kit
- Quick Start Guide

Sold Separately
(in the accessory kit)

- RTK / GNSS unit
- HighRes PanoCam
- Close-up Camera
- Monopod holder *(not pictured)*

Local operations around the world.
Go to FARO.com to learn more.

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INSIGHT YOU CAN BUILD ON