

FARO®

Orbis™ Premium

MOBILE LASER SCANNER

A New
Standard in
Speed and
Accuracy

Redefining Mobile Scanning With Upgraded Features for Faster, More Versatile Fieldwork.

See Every Detail:
Unmatched Clarity with
Orbis Premium's High-
Resolution 8K Imaging

Equipped with a new, powerful camera, it delivers vibrant, high-resolution 8K panoramic images and enhanced colored point clouds, making data interpretation clear and accessible. This imaging leap provides more detailed visual data for engineers, surveyors, and urban planners that want to improve project insight and decision-making, plus public safety professionals looking to capture and preserve the scene.



Engineered for All Environments: Orbis Premium's Enhanced Durability with New IP54 Certification

An IP54 rating protects the Orbis Premium from dust and water splashes, ensuring robust performance in rugged environments.

Improved Image Quality and Usability

The integration of Flash Technology™ boosts point density in critical areas, accelerating capture times and providing a comprehensive 3D view of job sites. With the versatility to process data both online and offline, only one cable for improved usability, and 72MP image quality, which brings a new level of picture and color quality in the segment, users can seamlessly integrate captured data into leading digital reality platforms. The Orbis Premium also maintains FARO's hallmark ease of use and portability, powered by industry-leading SLAM technology.

For professionals in surveying, mapping, construction, mining, civil engineering, and public safety, the Orbis Premium offers unmatched productivity, speed, and detail, empowering high-quality results on every project.



Orbis Comparison

SPECIFICATIONS	FARO ORBIS	FARO ORBIS PREMIUM
Range	120 m	120 m
Points Per Second	640.000 pts	640.000 pts
Point Cloud Quality	Up to 5 mm	Up to 5 mm
Image Resolution	8 MP	72 MP
Flash Technology™	Yes	Yes
Stream App	Yes	Yes
Sphere XG	Processing	Processing
IP Rating	—	IP 54
On-Demand Image Capture Capabilities	—	Static 360° Image



Local operations around the world. Go to [FARO.com](https://www.faro.com) to learn more.

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