

# 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.



**VB3Ti**  
VB TERRASCAN  
INNOVATIONS LLP



# 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

| SPECIFICATIONS                       | FARO ORBIS  | FARO ORBIS PREMIUM |
|--------------------------------------|-------------|--------------------|
| Range                                | 120m        | 120m               |
| 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://FARO.com) to learn more.



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