

**FARO**®

Focus  
Premium

Capture With  
Confidence  
and Connect  
Your World  
Faster



# Premium Preview: The Ultimate in 3D Data Capture

Building on our history of accuracy and reliability, the new FARO® Focus Premium Laser Scanner is the fastest, most accurate and most data-sharing-enabled scanner on the market to date, featuring entirely new components with a proven design.

## Up to 50% Faster Scan Times

About 1 minute to complete a typical scan, in combination with the optional FARO PanoCam upgrade, even in color.

## Super-High Color Resolution

The latest color camera technology enables the Focus Premium to capture scans with up to 266 megapixel color information.

## Two-Year Warranty

Competitive service means maximizing the life of this product while reducing the total cost of ownership throughout the device's lifespan. Two years allows for maximum flexibility and the piece of mind knowing that any repairs or defective parts will be replaced.



## On Closer Inspection

Focus Premium provides exceptional capturing efficiency, data quality and accuracy for professional applications across the construction, public safety, operations & maintenance and manufacturing markets, while offering data quality at faster scan speeds (up to 1 minute per scan) reducing onsite scanning time by up to 50%. Meanwhile, faster loading and system response yields greater data management efficiency when paired with FARO Stream and uploaded to FARO Sphere.

### Focus Premium Features:

- Up to 350m scanning range, leading to superior area coverage per scan position
- Smartphone-enabled Focus Premium remote control capabilities, limited only by the range of a Wi-Fi network
- Improved wireless workflow with more stable and faster Wi-Fi operation
- On-site registration, the process of combining multiple scans using common overlap, means faster project completion and real-time awareness of scan errors or missing data
- Seamless connectivity with the FARO Stream mobile app
- Scanner control can be executed on either the app or on the actual Focus. Users have easy access to create projects, change scanner settings, manage image resolution, opt for color or black and white scans, group scans through clustering, and add annotations
- Rugged construction and housing means the Focus Premium can withstand the tough day-to-day work
- Integrated high-speed SSD data storage for maximum scan capacity and lightning fast scan processing



## Designed for Complete Integration

FARO's complementary products — **FARO Sphere** and **FARO Stream** (which serves as the data bridge between Focus Premium and Sphere) — create a powerful union of three distinct technologies, enabling users to capture with confidence and connect their world anytime, anywhere. This reduces time to decision while streamlining workflow tasks, meeting the demands of today's increasingly remote, digital workforce.



### Stream

Stream is the first mobile app that connects FARO hardware with FARO Sphere cloud-based applications and services. By uniting hardware with cloud software, Stream makes on-site capture workflows more efficient and brings captured data directly into the FARO ecosystem. It does so by providing live feedback of the captured scans while performing its pre-registration function.

Stream provides the best on-site efficiency for data capture with the Focus Premium scanner for scan operations in architecture, engineering, construction and facility management. Now, users can be confident in the successful and complete scan data they collect in real-time, confident that no additional site visits will be required because of missing data and confident in radically expedited project finalization times as Stream and Sphere are already doing some of the work automatically while a Focus Premium operator is returning from the field. Premium also allows the ability to include complementary data like field annotations and photographic images to the project after a scan is complete.



Stream integrates the captured data seamlessly into Sphere, and provides full FARO solution and application compatibility.



What sets Focus Premium apart is its ability to share the on-site data it collects via Stream and send that information to Sphere. Once data is on Sphere users experience a centralized, efficient, and collaborative environment across FARO point cloud applications and customer support tools for faster 3D data capture, processing, and delivery through a secure,

single point sign-on process. With Stream and Sphere, registration starts in the field and processing is performed in the cloud while the scan operator is driving back to the office. This allows off-site colleagues to already work on the data or share it with end-customers via FARO WebShare Software, the world's leading collaborative point cloud project management solution.

Additionally, Sphere leverages WebShare to integrate three customer service platforms: Knowledge Base, which provides technical product information, FARO Support, which provides 24-7 personalized service, and FARO Academy, which provides on-demand and live training and education programs.

## Snap-In Success

The new Focus is also designed to work seamlessly with the FARO Freestyle 2 Handheld Scanner, thanks to its “Snap-In” feature.

Save the time that is required for multiple scanner positions when it comes to scanning complex environments/structures, equipment or tight spaces. Snap-in enables the user to seamlessly add data starting from a Focus point cloud by using it as a reference for missing data from such hard-to-scan locations, including areas in shadow and objects with irregular geometries.

The two point clouds are then pre-registered in the same project. Together Focus and Freestyle 2 achieve what neither tool can do alone—provide both the speed and granularity of data capture to ensure that no on-site detail is missed.



FOCUS



FREESTYLE 2

Freestyle 2's freedom of movement allows operators the ability to capture those hard-to-reach spots and eliminate any possible data voids, while also addressing the cumbersome need to reposition the Focus multiple times in an effort to capture that missing information.



## A Workflow Wiz

Whether it's for Building Information Modeling (BIM), industrial facility management and infrastructure projects, or improved construction quality control, historic preservation and the sending of scan data for digital twinning for asset and facility management, the new Focus, paired with Sphere, via Stream, enables enhanced workflow efficiencies that will drive business success.

Sharing data seamlessly — and securely — through the cloud, wherever a Focus Premium operator is located is what sets this suite of complementary products apart.



With Focus Premium, Sphere and Stream working as partner products, your 3D laser scanning potential has never been more robust.

