

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 the new FARO Stream mobile app and uploaded to the new FARO Sphere cloud-based collaboration platform.



Focus Premium Features:

- Up to 350m scanning range, leading to superior area coverage per scan position
- Smartphone-enabled 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 Stream and Sphere
- 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 can withstand the tough day-to-day work
- Integrated high-speed SSD data storage for maximum scan capacity and lightning fast scan processing

Performance Specifications			
Range Option	Focus Premium 350	Focus Premium 150	Focus Premium 70
Unambiguity Interval	614 m for up to 0.5 MPts/sec 307 m at 1 MPts/sec 153 m at 2 MPts/sec	614 m for up to 0.5 MPts/sec 307 m at 1 MPts/sec 153 m at 2 MPts/sec	614 m for up to 0.5 MPts/sec 307 m at 1 MPts/sec 153 m at 2 MPts/sec
Range			
White, 90% Reflectivity	0.5 – 350 m	0.5 – 150 m	0.5 – 70 m
Dark-grey, 10% Reflectivity	0.5 – 150 m	0.5 – 150 m	0.5 – 70 m
Black, 2% Reflectivity	0.5 – 50 m	0.5 – 50 m	0.5 – 50 m
Range Noise ^{1,2}			
White, 90% Reflectivity	0.1 mm @ 10 m, 0.2 mm @ 25 m		
Dark-grey, 10% Reflectivity	0.3 mm @ 10 m, 0.4 mm @ 25 m		
Black, 2% Reflectivity	0.7 mm @ 10 m, 1.2 mm @ 25 m		
Max Speed	Up to 2 MPts/sec		
3D Accuracy³	2 mm @ 10 m, 3.5 mm @ 25 m		
Ranging Error⁴	±1 mm		
Angular Accuracy⁵	19 arcsec		
LaserHDR	Yes		
Temperature Range⁶	Operating: +5 ° to +40 °C, Extended Operating: -20 ° to +55 °C, Storage: -10 ° to +60 °C		