The Z+F IMAGER® 5010X comes with a unique navigation system which works outdoors and, as an industry-first, also indoors. It will estimate the current position and orientation of the scanner to support the registration algorithm to automatically find the correct solution. The scanner will also track your movements while carrying the device on to the next setup and hence provides position information for the registration process.

Drastically improved WiFi speed and range

Working with the 802.11n-standard and dual antennas, the Z+F IMAGER® 5010X has an increased working range and allows you to communicate and stream scan data quickly to the Scout tablet.

Range up to 187 meters (approx. 600 ft.)

Due to the wavelength and the approved ranging system, the devices operate within a maximum range of 187 m (approx. 600 ft.).

High-speed up to 1 million pixel/second

With a maximum measurement rate of 1,016,027 pixel/sec some laser scanners of Zoller + Fröhlich are one of the fastest in the world.

320° x 360° field-of-view

The large 320° x 360° field-of-view yields maximum coverage.

Laser class 1

Most laser scanners of Zoller + Fröhlich are classified ‘eye-safe’ according to laser class 1 requirements.

HDR i-Cam

The integrated camera works very well in all environments. One focus is always provide realistic panoramas. To make the workflow as user-friendly as possible, the Z+F i-Cam is fully integrated into the Z+F IMAGER® 5010X.

Flexible

All Z+F laser scanners are 100% stand-alone and the operating temperature is between -10 °C and +45 °C (14°F and 113 °F).

Upgrade your Scanner to X

Zoller + Fröhlich offers you to upgrade your Z+F IMAGER® 5010C to a Z+F IMAGER® 5010X.

Please contact us to get more information.
The X marks the spot
If a scan registration fails during a scan point, the scan data can be saved and re-scanned. This is especially useful when a target was moved or simply forgotten to be scanned. Failed scans are stored in a report file to be reviewed and corrected later.

Automatic registration
Z+F LaserControl® Scout will automatically register scans to ensure a complete dataset.

Fail-safe target workflow
Besides all automatic features, targets are still of great importance for some specific workflows. So far, their major downside has been that they could only be verified in the office when re-scanning is impossible. Scout allows you to acquire and process scanned targets in the field automatically to guarantee leaving the site with a safe registration.

Remote Scanner Control
Free yourself from the scanner. Control the instrument and check its status comfortably from a distance.

Quick insights with detailed top-cuts
Z+F LaserControl® Scout will create a detailed top-view, outlining the features in the scene for easy orientation and verification of the positioning.

Have peace of mind
Return to the office with a complete dataset.

Stay updated through advanced synchronization
Z+F LaserControl® Scout will automatically synchronize all scan data locally and, after registration, update all scans on the scanner accordingly. Therefore, at any time, the scanner and tablet display the same results.

Remote Scanner Control
Free yourself of time pressure to hectically hide from the scanner. Control the instrument and check its status comfortably from a distance.

Quick insights with detailed top-cuts
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Brand new look and feel
The new Z+F LaserControl® Scout is well optimized and prepared for Windows® touch tablets. Its intuitive user interface is simple to use and has all major tools always at hand for you.

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