The FARO Scan Localizer is a state-of-the-art scanning accessory, which combines information of multiple sensors sources and software algorithms to determine the exact position of the laser scanner inside buildings.

While moving a FARO laser scanner device through a large site, the FARO Scan Localizer will capture the exact position of the laser scanner thus enabling error-free, fully automated registration. With this new workflow, users will be able to complete the whole scan and registration process on site, substantially reducing the need for time-consuming back office work and quality checks by a factor of 2 to 5 times.

With a battery runtime of 3 hours, the Scan Localizer also has a high level of flexibility and endurance. Its light weight, small size and WLAN integration make the Scan Localizer truly mobile.

**BENEFITS**

The FARO Scan Localizer optimizes productivity when scanning in medium to large indoor projects.

The fully portable system is compatible with the complete line of Focus³D Laser scanners and enables highest performance due to its indoor positioning without GPS signal, real-time 3D and disjoint scan data registration, easy on-site navigation, ease-of-use and remote control via integrated WLAN.
# PERFORMANCE SPECIFICATIONS

### Ranging unit
- **Range:**
  - 0 – 8 m (10% refl.)
  - 0 – 20 m (90% refl.)

### Laser
- **Laser class:** Laser class 1
- **Wavelength:** 905nm
- **Field of view (horizontal):** 180°
- **Measurement frame rate:** 40Hz
- **Max. ambient light:** 15,000lx

### Data handling and control
- **Data storage:** SSD; 120GB integrated, direct export to SCENE via WLAN
- **Device control:** Via button and WLAN

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## GENERAL

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply voltage:</strong></td>
<td>19V (external supply)</td>
</tr>
<tr>
<td><strong>Power consumption:</strong></td>
<td>14.4V (internal battery)</td>
</tr>
<tr>
<td><strong>Battery life:</strong></td>
<td>35W (70W charging) (while battery charges)</td>
</tr>
<tr>
<td><strong>Battery life:</strong></td>
<td>3 hours</td>
</tr>
<tr>
<td><strong>Ambient temperature:</strong></td>
<td>5°C - 40°C</td>
</tr>
<tr>
<td><strong>Humidity:</strong></td>
<td>Non-condensing</td>
</tr>
<tr>
<td><strong>Interface:</strong></td>
<td>1x USB, 1x Ethernet, WLAN</td>
</tr>
<tr>
<td><strong>Mounting:</strong></td>
<td>3/8” hole</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>6kg</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>Diameter: 31cm, Height: 31cm</td>
</tr>
<tr>
<td><strong>Maintenance / calibration:</strong></td>
<td>Not needed</td>
</tr>
</tbody>
</table>

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