

HDS8400

Entry Level Laser Scanning Solution
for the Mining Surveyor



- when it has to be **right**

Leica
Geosystems

| HDS8400 Performance Specifications | |
|---|---|
| General | |
| Size | 455h x 216d x 378w |
| Weight | 12.0kg, without battery |
| Battery | Interchangeable Lithium Ion 2.5 hours operation (optional 4.5 hours) |
| Levelling | 30" (internal compensator) |
| Constant operating temperature | 0° to +50°C (short exposure* -40° to +50°C) |
| Reliability | ISO 9022 |
| Protection class | IP-65 (IEC 60529) |
| Data recorder | On board / optional rugged tablet PC via Ethernet cable |
| Mounting | Standard tribrach mount |
| GPS mount | External 5/8" UNC thread |
| Carry case | Customised case |
| Laser Scanning System | |
| Maximum range** | 700m, reflectivity >80% (white paint, limestone) 500m, reflectivity >40% (iron ore, concrete) 250m, reflectivity >10% (coal, black paint) |
| Minimum range** | 2.5m |
| Ordering Information | |
| Contact your local Leica Geosystems representative or an authorised Distribution Partner for more information. | |
| <small>* Time to perform a 10-minute scan. ** Under normal operating conditions. Based on returns from flat targets normal to the beam assuming target area exceeding spot size. Atmospheric and light conditions will affect the maximum range. *** Refers to angular pointing accuracy. Does not factor cumulative errors due to other influences including range and levelling errors.</small> | |

All specifications are subject to change without notice. Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1. Windows is a registered trademark of Microsoft Corporation. Other trademarks and trade names are those of their respective owners.

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World Class Leica Geosystems Training & Support

Leica Geosystems is one of the world's largest manufacturers and developers of surveying and measurement instruments and software. For 3D laser scanning, Leica Geosystems is by far the industry leader, with more scanners and software users than all other manufacturers combined. One key reason for the popularity of Leica

Geosystems products is our renowned global service, support, and training. Training, for example, includes both on-site and classroom training by industry experts. In addition, Leica Geosystems strong user community (thousands of laser scanning customers) provides an additional resource network for customers.

■ Authorised **Leica Geosystems** Distributor

Leica Geosystems AG
Heerbrugg, Switzerland
www.leica-geosystems.com

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