

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	Customized 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 authorized 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.

■ Authorized **Leica Geosystems** Distributor

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