



## LiteMapper® - DR560 Airborne Data Recorder for Full Waveform Analysis

TECHNICAL DATA	LiteMapper® - DR560
<b>Data Recorder Performance</b>	
<b>Storage capacity</b>	
Single hard disk	2 x 500 Gbyte
RAID 0 (striped disks)	1000 Gbyte
RAID 1 (mirrored disks)	500 Gbyte
<b>Data rate (input)</b>	
Single hard disk	up to 40 Mbyte/sec
RAID 0 (striped disks)	up to 80 Mbyte/sec
RAID 1 (mirrored disks)	up to 40 Mbyte/sec
<b>Data rate (output)</b>	
Web server	up to 5 Mbyte/sec
USB	up to 25 Mbyte/sec
<b>Logging capacity <sup>1)</sup></b>	
Single hard disk	typically 2 x 12 h
RAID 0 (striped disks)	typically 24 h
RAID 1 (mirrored disks)	typically 12 h
<sup>1)</sup> 100 kHz pulse repetition frequency of the LMS-Q560 scanner, 2 targets (200 Bytes / measurement), 45° scan angle	
<b>Data Interfaces</b>	
Input interface	High speed serial data link
Output interface	High speed USB 2.0
<b>General technical data</b>	
Power supply	18 - 32 VDC
Current consumption	approx. 3A @ 24 VDC
Main dimension (L x W x H)	337 x 178 x 197 mm
Weight	approx. 7 kg
Protection class	IP64
Altitude	up to 16 000 ft (4877 m)
Temperature Range	
Operation	0°C up to +40°C
Storage	-10°C up to +50°C



The airborne data recorder DR560 is the companion digital data recorder to the airborne laser scanner LMS-Q560.

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