

Leica CS20 Data sheet



Dominant performance through seamless integration

The next generation of Leica Nova and Viva measuring instruments became the world's first self-learning total stations and MultiStation with Leica Captivate. This engaging software joins ultimate GNSS receiver innovation with an industry-first 3D user immersion and modernises the Leica Nova scanning experience, for the first time merging the overlay of measured points, 3D models and point clouds into a single view.



Infinitely bridging the field to the office

While Leica Captivate captures and models data in the field, Leica Infinity processes the information back in the office. A smooth data transfer ensures the project stays on track. Leica Captivate and Leica Infinity work in conjunction to join previous survey data and edit projects faster and more efficiently.



Customer care only a click away

Through Active Customer Care (ACC), a global service and support network is only a click away to expertly guide you through any problem. Eliminate delays with technical service, finish jobs faster with excellent consultancy support, and avoid costly site revisits with an online service to send and receive data directly from the field. Control your costs with a tailored Customer Care Package to be covered anywhere, anytime.

leica-geosystems.com



- when it has to be **right**

Leica
Geosystems

Leica CS20



Leica CS20 Basic



Leica CS20 LTE



Leica CS20 LTE Disto

SYSTEM SPECIFICATIONS

Operating system	Windows EC7		
Processor	TI OMAP4430 1GHz Dual-core ARM® Cortex™-A9 MPCore™		
Memory (RAM)	1 GB	1 GB	2 GB
Internal storage (Max)	4 GB	4 GB	4 GB
Screen size (Diagonal) & orientation (Primary)	5" (127mm), Landscape, sunlight-readable		
Screen resolution & type	800 x 480 WVGA, Colour TFT		
Weight (including battery)	975 g	1007 g	1225 g
Size (length x width x depth)	284mm x 150mm x 49mm		
Battery life	8 hours		

ENVIRONMENTAL SPECIFICATIONS

Dust / Water resistance	IP68		
Shock resistance	1.2m (4 ft) / MIL-STD-810F, Method 514.5 – Cat24		
Operation temperature	-30°C to +60°C		
Storage temperature	-40°C to +80°C		
Military standard (MIL.-STD)	810F		

CONNECTIVITY

SD/SDHC	✓
USB client	✓
USB host	✓
Serial RS232	✓
Power jack	✓
Integrated Bluetooth®	✓
Integrated WLAN	✓

USER INTERFACE

Touch screen	✓
On screen keyboard	✓
Keypad type	QWERTY keypad
Number of keys	67

INTEGRATED PERIPHERALS

DISTO™		✓
UMTS/LTE Cellular modem	✓	✓
5 MP Camera	✓	✓
Flash	✓	✓
Compass		✓
Accelerometer		✓
Gyro		✓
Long-range Bluetooth®	✓	✓
Expansion pack	✓	✓
Onboard Charging		✓

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Laser radiation, do not stare into beam. Class 2 laser product according to IEC 60825-1:2014.

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