Leica CS20
Data sheet

Captivate

Dominant performance through seamless integration

The next generation of Leica Nova and Viva measuring instruments become the world's first self-learning total stations and MultiStation with Leica Captivate. Transforming the Leica Viva GNSS experience, this engaging software joins ultimate GNSS receiver innovation with an industry-first 3D user immersion. Leica Captivate 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.

ACC»

Customer care only a click away

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

- when it has to be **right**

PART OF HEXAGON

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)		2 GB	
Internal storage (Max)		4 GB	
Screen size (Diagonal) & orientation (Primary)		5" (127mm), Landscape, sunlight-readable	
Screen resolution & type		800 x 480 WVGA, Colour TFT	
Weight (including battery)	1115 g	1190 g	1225 g
Size (length x width x depth)		284mm x 150mm x 49mm	
Batteries		11.1V, 2.8Ah Li-Ion	
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		✔	✔
SBAS Support	✔	✔	✔

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

- when it has to be **right**

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