Leica CS20 & CS35
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 is 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.

PART OF HEXAGON

- when it has to be **right**

Leica Geosystems

Leica CS20 & CS35

	Leica CS20	Leica CS35
SYSTEM SPECIFICATIONS		
Operating system	Windows EC7	Windows 8.1 Pro
Processor	TI OMAP4430 1GHz Dual-core ARM® Cortex™-A9 MPCore™	Intel® Core™ i5-4310U vPro™ (2,0 GHz, 3 MB Intel® Smart Cache)
Memory (RAM)	1 GB	4 GB DDR3L SDRAM
Internal storage (Max)	2 GB	128 GB SSD
Screen size (Diagonal) & orientation (Primary)	5" (127mm), Landscape	10.1" (257mm), Landscape
Screen resolution & type	800 x 480 WVGA, Colour TFT	1920 x 1200 WUXGA, Colour TFT
Weight (including battery)	1095g	1100g
Size (length x width x depth)	284mm x 150mm x 49mm	270mm x 188mm x 19mm
Batteries	11.1V, 2.8Ah Li-Ion	10.8V, 4100mAh Li-Ion
Battery life	8 hours	8 hours
ENVIRONMENTAL SPECIFICATIONS		
Dust / Water resistance	IP68	IP65
Shock resistance	1.2m (4 ft) / MIL-STD-810F, Method 514.5 – Cat24	1.8m MIL-STD-810G
Operation temperature	-30°C to +60°C	-10°C to + 50°C
Storage temperature	–40°C to 80°C	-20°C to + 60°C
Military standard (MIL.-STD)	810F	810G
CONNECTIVITY		
SD/SDHC	✔	✗
USB client	✔	✗
USB host	✔	1 x USB 3.0 & 1 x USB 2.0
Serial RS232	✔	✗
Power jack	✔	✔
Audio jack	✗	✔
Integrated Bluetooth®	✔	✔
Integrated WLAN	✔	✔
Integrated modem	✔	✔
Robotic total station compatible	✔	✔
USER INTERFACE		
Touch screen	✔	✔
On screen keyboard	✔	✔
Keypad type	QWERTY keypad	Pop up keypad
Number of keys	67	7
INTEGRATED PERIPHERALS		
Camera	5 megapixel	Rear: 5 megapixel Front: HD-Video with 720 pixel (Images 1.3 megapixel)
Flash	✔	✔
Compass	✔	✗
Accelerometer	✔	✔
Gyro	✔	✗
DISTO™	✔	✗
Expansion pack	✔	✗

✔ Standard   ✗ Not Available

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www.leica-geosystems.com

- when it has to be **right**

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