Leica CS20
Data sheet

Purpose-built

The Leica Captivate CS20 is a purpose-built field controller designed to work seamlessly with Leica Captivate field software. It's ergonomic layout and form make it comfortable to hold and operate, enhancing productivity on the job site. This controller is ideal for a wide range of survey and stakeout tasks, allowing you to measure and stake the maximum number of points in the shortest time possible.

5" screen

Featuring a built-in 5-inch high-resolution screen, the CS20 controller offers a clear and detailed display for all surveying data. The screen's excellent visibility in bright sunlight makes it perfect for field use, ensuring you can work efficiently in any lighting condition.

Rugged and robust

The CS20 field controller is engineered for on-site use, with a highly ruggedized design that withstands tough conditions. Its durable construction makes it the perfect tool for all your measurement tasks, ensuring reliability and longevity in demanding environments.

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, Color 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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- when it has to be **right**

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