

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. It's durable construction makes it the perfect tool for all your measurement tasks, ensuring reliability and longevity in demanding environments.

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- when it has to be **right**

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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		✓