

Leica Captivate CS20 PHL

Data sheet



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 modernizes 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.

Leica CS20



Leica CS20

SYSTEM SPECIFICATIONS

| | |
|--|--|
| Operating system | Windows EC7 |
| Processor | TI OMAP4430 1GHz Dual-core ARM® Cortex™-A9 MPCore™ |
| Memory (RAM) | 2 GB |
| Internal storage (Max) | 36 GB |
| Screen size (Diagonal) & orientation (Primary) | 5" (127mm), Landscape, sunlight-readable |
| Screen resolution & type | 800 x 480 WVGA, Color TFT |
| Weight (including battery) | 1223g |
| 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

| | |
|----------------------------------|------------|
| USB client | ✓ |
| USB host | ✓ |
| Serial RS232 | ✓ |
| Power jack | ✓ |
| Audio jack | X |
| Integrated Bluetooth® | ✓ |
| Integrated WLAN | ✓ |
| Integrated cellular modem | UMTS / LTE |
| Robotic total station compatible | ✓* |

USER INTERFACE

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

INTEGRATED PERIPHERALS

| | |
|----------------|--------------|
| Camera | 5 megapixel* |
| Flash | ✓ |
| Compass | ✓ |
| Accelerometer | ✓ |
| Gyro | ✓ |
| DISTO™ | ✓* |
| Expansion pack | ✓* |

The Bluetooth® trademarks are owned by Bluetooth SIG, Inc.

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

*Captivate supports 640x480 image capture.

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✓ Standard X Not Available * Hardware specific