Leica CS25

Ultra-Rugged Tablet Computer Datasheet

State of the art technology

The Leica CS25 is equipped with state of the art technology, running a Windows® 7 Ultimate OS allows you to trade in your desktop PC for a rugged tablet, having it with you wherever your work is.

- 17.8 cm/7 inch sunlight readable touchscreen
- 64 GB SSD hard drive, eliminating internal moving parts
- Integrated GPS, 3G modem, WiFi and Bluetooth®
- Ultra-rugged design

Built for the field

Designed for extreme environments – ultra-rugged, reliable and light-weight.

- Built for the most demanding field environments but nevertheless light-weight and compact
- Built to operate in extreme temperatures
- All-day-batteries, easily hot-swappable

Designed for versatility

Integrate your Leica CS25 tablet computer into the family of Leica Mobile Solutions. Choose the field software, GNSS accuracy and the setup (pole or backpack) to suit your workflow and budget.

- Ready-to-use with Leica Zeno Field, Leica MobileMatriX (for GNSS as well as TPS)
- Ready-to-use with the Leica GNSS SmartAntenna – the Leica Zeno GG02plus
- Use Leica Zeno Connect to embed custom applications into Leica CS25 and Leica Zeno GG02plus

- when it has to be **right**

Leica Geosystems

Technical Specifications

Leica CS25	
Technology	
Processor & Memory	Intel Ultra Low Power Atom Z530 1.6 GHz processor (w/ US15W Chipset), 2 GB DDR2 RAM
Data Storage	64 GB SSD solid state hard drive
Operating System	Microsoft Windows 7 Ultimate
Screen	7" widescreen 1024x600 resolution TFT LCD MaxView™ sunlight readable resistive touchscreen display
Keyboard & Buttons	• Power key • Menu key (Controls Brightness, Volume, Battery Status, WiFi& BT On/Off, and 3G On/Off) • 4+1 Navigation keys (Left, Right, Up, Down, OK for Enter) • 3x user programmable hotkey buttons that control up to 6 functions • On-screen QWERTY soft keyboard
I/O	• 2 x USB 2.0 port (one fully waterproof, even when the latch is open) • 1 x 9-pin serial RS-232 port (fully waterproof, even when the latch is open) • 1 x LAN • 1 x DC power port • Docking Connector (Contact Pin Type) • 1 x 4 pin docking • Audio Out • 1 x Microphone • Audio Integrated (one speaker) • Fully Gobi™ 2000 PCIe module-ready
Communication	
Integrated communication modules	Wireless LAN 802.11 b/g/n PAN: Integrated Bluetooth® v.2.0 + EDR Compliant WWAN Gobi™ 2000 ready, supporting the following RF bands: • HSDPA/UMTS 800/850/900/1900/2100 MHz • Quad-band EDGE/GPRS/GSM – 850/900/1800/1900 MHz • Dual-band EV-DO/CDMA – 800/1900 MHz
Integrated GPS	Integrated GPS Mediatek, WAAS/EGNOS capable[1] GPS Real-Time Accuracy (WAAS, EGNOS)[2]: 2 – 5 m
Integrated Camera	2 Megapixel Camera + LED light
Standard Software	• OneClick Internet from Sierra Wireless • MiniGPS from MediaTek for controlling NMEA output • Internet Explorer
Power Management	
Batteries	Dual hot-swappable Li-Polymer Battery Pack, 5200 mAh each
Power	Input: 120-240 VAC, 50-60 Hz, 12 VDC Output
Operating Time	8 h[3]
Physical Specifications	
Size	144 mm (5.56") x 242 mm (9.5") x 40 mm (1.57")
Weight	1.3 kg (2.9 lbs) including all-day batteries
Sand & Dust	IP65, MIL-STD-810G
Water	IP65, MIL-STD-810G
Altitude	4572 m (15.000 ft) at 5 °C (41 °F)
Operating temperature range	-23 °C to 60 °C (-9.4 °F to 140 °F), MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
Storage temperature range	-40 °C to 70 °C (-40 °F to 158 °F) MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
Humidity	MIL-STD-810G, Method 507.4, 90% RH temp cycle 0 °C/70 °C
Drop	MIL-STD-810G 4ft Drop, Free to Concrete 26 drops from 1.22 m (4 ft) MIL-STD-810G, Method 516.5, Procedure IV
Vibration	MIL-STD-810G, Method 514.5 Procedures I & II, General minimum integrity and the more rigorous loose cargo test
Accessories and Optional Features	
Accessories	• External battery charger • Backpack kit • Hard carry case • 12V vehicle charger • Pole mount solution • Anti-glare screen protectors • Additional 5200 mAh battery
Optional Field and Office Software	• Leica Zeno Field • Leica MobileMatriX • Leica Zeno Connect • Leica Zeno Office and Leica Zeno Office on ArcGIS
Optional GNSS Sensors	• Leica Zeno GG02plus

[1] WAAS available in North America only, EGNOS available in Europe only
[2] May vary due to atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.
[3] In continuous field operation mode, may vary with temperature, battery age etc.

Swiss Technology by Leica Geosystems

TQM ISO 9001 / ISO 14001

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