

Leica iCON CC65 / CC66

Perfect construction site controllers



icon
intelligent construction

Leica iCON CC65 / CC66 versatile tablet PC's are designed to transport a user's office directly to the field.

The rugged, lightweight devices have a clear and easy-to-use 7" touch screen designed to facilitate with data collection tasks on site, while at the same time communicating with the central office, real-time data transfer is made easy! The tablet PC's are designed for the most demanding working environments and protected against hazards on a construction site, allowing them to provide optimal results in all harsh conditions. The CC65 / CC66 contains a 128GB hard drive, an Intel® Atom™ N2600 1.6GHz Dual Core processor with 4GB DDR3 RAM, integrated WLAN, Bluetooth®, 3G Modem, GPS and a 5M pixel digital camera. Both tablet PC's can be used as a handheld, mounted on a tripod, pole or in vehicle for data collection.

- Large 7" sunlight readable touch screen display for convenient operation
- Windows 7 Ultimate Edition multi-lingual operating system
- Various communication possibilities (Bluetooth®, WLAN, LAN, USB, RS232) for the use with different sensors for different applications
- Leica iCON CC66 model features long-range Bluetooth®
- Build-in 3.5G High-speed modem for design data updates, telematics and various other applications
- Highly productive positioning work with Leica iCON build and Leica iCON site application software



- when it has to be **right**

Leica
Geosystems

Leica iCON CC65 / CC66

Rugged, mobile tablet PC



Technology

Processor & Memory	Intel® ATOM™ N2600 1.6 GHz Dual Core 4 GB DDR3 RAM
Data Storage	128 GB SSD solid state hard drive
Operating System	Microsoft Windows 7 Ultimate Edition
Screen	7" widescreen 1024x600 resolution TFT LCD, MaxView™ sunlight readable resistive touch screen display
Keyboard & Buttons	Power key; Menu key (Controls Brightness, Volume, Battery Status, WLAN & 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 Ports	2x USB 2.0; 1x Gigabit LAN; 1x DC power input; 1x 9 pin series RS232; Docking connector (Contact pin type); 1x audio out; 1x microphone in; integrated speaker
Communication	
Integrated Communication Modules	3G Module - GOBI 3000 communication module, Quad-band HSPA+, Quad-band GSM/GPRS/EDGE; Wireless LAN 802.11 b/g/n; Bluetooth® 2.1/4.0; Integrated u-blox®GPS; Bluetooth® Long-range module*
Integrated GPS	Integrated u-blox®GPS, WAAS/EGNOS/MSAS capable ¹⁾ GPS Real-time Accuracy (WAAS, EGNOS)2: 2-5 m
Integrated Camera	5 Megapixel camera + LED light

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.

Power Management

Batteries	Dual Li-polymer battery pack, 5.2 Ah fast Hot Swappable, support at least 6 hours of operation w/ default backlight level, based on battery mark test (2x 2.6 Ah batteries)
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	1.1 kg (2.42 lbs) including all-day batteries
Water	IP65, IEC60529
Altitude	4572 m (15,000 ft) at 30 °C (86 °F)
Operating Temperature Range	-33 °C (-27,4 °F) to +63 °C (145,4 °F) MIL-STD-810G, Method 501.5 Procedure II, MIL-STD-810G, Method 502.5, Procedure II
Storage Temperature Range	-40 °C (-40 °F) to +71 °C (159,8 °F) MIL-STD-810G, Method 501.5 Procedure I, MIL-STD-810G, Method 502.5, Procedure I, III
Humidity	95% RH temp cycle 30 °C (86 °F) /60 °C (140 °F) MIL-STD-810G Method 507.5
Drop	Free to concrete 26 drops from 1,2 m (3,94 ft) MIL-STD-810G, Method 516.6, Procedure IV.
Vibration	General minimum integrity and the more rigorous loose cargo test, MIL-STD-810G, Method 514.6, Procedure I, II; (Comparable Leica requirement: 10 to 150 Hz, ±0,15 mm, 2g, 20 cycles, 1 octave/min within the storage temperature range)
Accessories	External battery charger, Hard carry case, 12 V vehicle charger, Pole mount solution, Anti-glare screen protectors, Additional 5200 mAh battery

* Only included in the CC66 package.



Leica iCON site/iCON build
Easy-to-use construction field software. Designed for construction workers.



Leica iCON gps 60
Versatile SmartAntenna for multi-purpose positioning tasks.



Leica iCON robot 60
One-person operation, saving time and increasing productivity when carrying out layout tasks and as-built checks.



Leica Builder
Intuitive, powerful and scalable manual total station series for routine construction tasks on site.



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