

Leica iCON CC60 / CC61

Perfect real-time communication on site



icon
intelligent CONstruction

Leica iCON CC60 / CC61 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 Leica iCON CC60 / CC61 contain a 64GB hard drive, an Intel® Atom™ 1.6GHz processor with 2GB RAM, integrated WLAN, Bluetooth®, GPS and a 2M pixel digital camera. Both tablet PC's can be used as a handheld, mounted on a tripod or detail pole for data collection.

- Large 7" sunlight readable touchscreen 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 CC61 model features long-range Bluetooth® and 3G modem
- Highly productive positioning work with Leica iCON build and Leica iCON site application software



- when it has to be **right**

Leica
Geosystems

Leica iCON CC60 / CC61

Rugged, mobile tablet PC



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 Edition
Screen	7" widescreen 1024x600 resolution TFT LCD, MaxView™ sunlight readable resistive touchscreen 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; 1x LAN; 1x DC Power Input; 1x 9 pin series RS232; Docking Connector (Contact Pin Type); 1x Audio Out; 1x Microphone In; AC/DC Adapter Input: 120-240 VAC, 50-60 Hz, 12 VDC Output
Communication	
Integrated Communication Modules	3G Module - GOBI 2000 communication module is per default build in every shipped UMPC*, Wireless LAN 802.11b/g, Bluetooth® 2.0 + EDR, Integrated GPS MediaTek, Bluetooth® Long-range Module* (capability to extend CC60 to LR-BT via upgrade kit)
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

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, 5.2Ah fast Hot Swappable, support at least 6 hours of operation w/ default backlight level, based on Battery Mark test (2x 2.6Ah 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	1.3 kg (2.9 lbs) including all-day batteries
Water	IP65, MIL-STD-810G
Altitude	4572 m (15,000 ft) at 5 °C (73 °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	General minimum integrity and the more rigorous loose cargo test, MIL-STD-810G, Method 514.5, Procedure I, II; (Comparable Leica requirement: 10 to 150Hz, ±0,15mm, 2g, 20cycles, 1 octave/min within the storage temperature range)
Accessories	External battery charger, Hard carry case, 12V vehicle charger, Pole mount solution, Anti-glare screen protectors, Additional 5200 mAh battery

* only included in the cc61 package



Leica iCON CC50
Lightweight, handy PDA for easy and efficient field work.



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



Leica iCON robot 50
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.



Total Quality Management - our commitment to total customer satisfaction.

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