Leica iCON CC50
Versatile field controller for tough site conditions

icon
intelligent **CON**struction

Leica iCON CC50 is the perfect controller for any job on site.
The built-in GPS receiver, e-compass, altimeter and 3M pixels auto-focus camera have been smartly integrated to develop an all-in-one solution. It provides high compatibility and flexible connectivity for various construction applications. The embedded 8GB memory ensures extensive data process and storage. The Leica iCON CC50 offers substantially longer battery life, up to 10 hours to provide all-day usage while on site. The high resolution, sunlight-visible VGA display shows images, maps and data in crisp detail.

- State-of-the-art technology
- Very robust, built for use in harsh conditions
- Various communication possibilities (Bluetooth®, WLAN, RS232) for the use with different sensors for different applications
- Long-range Bluetooth® option
- Highly productive positioning work with Leica iCON build and Leica iCON site application software

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Leica iCON CC50
Lightweight, handy field controller

Specifications

Specifications	
Operating System	Genuine Windows Mobile® 6.1 Classic
Mobile Computing Processor	Marvell PXA310 806MHZ
Display	3.5" TFT LCD VGA (480 x 640) Transflective sunlight readable display Pressure sensitive touchscreen
Storage & Memory	128MB MDDR 256MB NAND flash and 8GB iNAND
Keypad	Alpha-numeric keypad
I/O Interface	Serial port (9-pin; D-sub) x 1, manual switch by SW with FlexiConn UART interface, USB OTG (client 2.0 and host 1.1; 5-pin; type Mini AB) x 1, Microphone x 1, Speaker x 1, DC in Jack x 1, Docking connector (4-pin) x 1
Communication Interface	WLAN 802.11 b/g, Bluetooth® (v2.0+EDR class 2), GPS (with internal antenna), Optional long-range Bluetooth®
Software	Microsoft Internet Explorer Mobile® Microsoft Office Mobile Applications Microsoft Office Mobile® Microsoft® Windows Media® Player 10 Mobile Microsoft ActiveSync 4.5 for data sync
Power	AC adapter (50W, 100-240VAC; 50/60Hz), Li-Ion smart battery (5600mAh), (up to 10 hours of battery life)*

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Dimension (WxDxH) & Weight	8.9 x 3 x 17.8 cm (3.5" x 1.18" x 7.01"), 530 g (18.69 oz)**
Field Service Features	GPS: SIRFstarIII, 3M pixels auto focus camera with LED light, E-compass, Alimeter
GPS Sensor Specification	Chipset: SIRFstarIII, Receiver Type: L1 (C / A), Channels: 20 channels all-in-view tracking, Update Rate: 1 Hz, Horizontal Accuracy: I) Autonomous: 5 m / 16.4 ft, II) DGPS: 1~3m / 3.3~9.8 ft, Cold Start Time: 45 sec average, Warm Start Time: 30 sec average, Hot Start Time: 1 sec average, Reacquisition: 0.1 sec average
Rugged Features	MIL-STD-810G and IP67 certified, Tamper-proof plastic case, Vibration resistant, Drop resistant (26 drops from 1.22m / 4 ft), Tumbling resistant (1,000 cycles; 0.5 m / 1.6 ft)
Environmental Specification	Temperature: Operating: -30°C to 60°C / -22°F to 140°F, Storage: -40°C to 70°C / -40°F to 158°F; Humidity: -95% RH, non-condensing
Alphanumeric Data Entry	Soft input panel (SIP) on screen keyboard, Transcriber handwriting recognition, Alpha-numeric keypad, Nuance XT9 SIP
Certification	CE, FCC, UL/TUV
Inbox Accessory	AC Adapter, USB-Host-Adapter, USB cable, Protection film, Quick start guide, Battery, Stylus, Stylus tether

*   Battery performance will vary with software applications, wireless settings, power managment settings, LCD brightness, customized modules and environmental conditions. Battery life and charge cycles vary by use and settings.

** Weight varies from configurations and optional accessories.

Leica iCON CC60/61
Rugged, mobile tablet PC with enhanced connectivity and functionality.

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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