Leica iCON CC55
Versatile field controller for tough site conditions
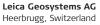

iCON
intelligent **CON**struction

Leica iCON CC55 is the perfect controller for any job on site. The built-in GPS receiver, e-compass, altimeter and 5M 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 CC55 offers substantially longer battery life, up to 10 hours to provide all-day usage while on site. The high resolution, sunlight readable 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

PART OF **HEXAGON**

- when it has to be **right**

Leica
Geosystems

Leica iCON CC55
Lightweight, handy field controller

Specifications

Operating System	Genuine Windows® Embedded Handheld 6.5 Classic
Mobile Computing Processor	TI AM3715 1 GHz
Display	3.5" VGA (480 x 640) Transflective sunlight readable display Pressure sensitive touchscreen
Storage & Memory	512MB MDDR 256MB NAND Flash and 8GB iNAND*
Keypad	Alpha-numeric keypad
I/O Interface	DC x 1, USB OTG x 1, RS232 x 1, Docking Port x 1, Speaker x 1, Battery Cover x 1, Stylus Pen x 1
Communication Interface	WLAN 802.11 b/g/n, Bluetooth® (v2.1+EDR Class 2), GPS, Optional WWAN, 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 (24W, 100-240V, 50 / 60Hz), Battery Type: 3.72V, 5600 mAh, Li-Ion Battery Pack

Specifications

Dimension (WxDxH) & Weight	7"x 3.5"x 1.18"(178 x 89 x 30 mm), 16.69 oz (530g)**
Field Service Features	GPS: SiRF Star IV, Camera: 5 MP AF, E-Compass, Altimeter
GPS Sensor Specification	Chipset: SiRF Star IV, Receiver type: L1 (C/A), Channels: 48 channel all-in-view tracking, Update rate: 1 Hz, Autonomous: 2.5 m, DGPS: 2.0 m, Cold start time: 35 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 IP68 Certified, Tamper-Proof Plastic Case, Vibration Resistant, Drop Resistant (26 drops from 1.82m / 6ft), 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: 5% ~ 95% (Non-Condensing)
Alphanumeric Data Entry	Transcriber handwriting recognition, Phone numeric keypad, Nuance XT9 SIP
Certification	CE, FCC, UL, BSMI, NCC
Inbox Accessory	AC Adapter, USB-Host-Adapter, USB cable, Protection film, Quick start guide, Battery, Stylus, Stylus tether

* For storage, 1GB = 1 billion bytes; actual formatted capacity less.
** Weight is without 3G module. Weight varies by configuration and manufacturing process.

Leica Builder
Intuitive, powerful and scalable manual total station series for routine construction tasks on site.
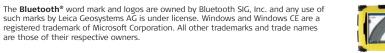
Leica iCON builder 60
High-end manual total station, running iCON on color touch screen.

Leica iCON robot 50
One-person operation, saving time and increasing productivity when carrying out layout tasks and as-built checks.

Leica iCON robot 60
High-end robotic total station with superior technology and iCON on-board.

Leica iCON CC65/66
Rugged, mobile tablet PC with enhanced connectivity and functionality.

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

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