Leica iCON CC80 controller is the world’s thinnest and lightest fully-rugged 7” Windows® tablet. It is built to enable easy, mobile work on-site and increase worker productivity without compromise. Powered by Windows® 10 Pro and an Intel® Core™ m5 processor, Leica iCON CC80 features a long life, user-replaceable battery and a daylight readable multi-touchscreen with high sensitivity for easy operation in all conditions. With the broad range of iCON software configuration options and flexible communication, the iCON CC80 is the ideal controller for site workers and foremen.

- Large 7” sunlight readable multi-touchscreen for convenient operation
- Microsoft Windows® 10 Pro operating system enables 3rd party applications
- Various wireless communication possibilities (Bluetooth®, Wi-Fi and integrated 4G/LTS multi-carrier mobile broadband) for use with different sensors and internet access
- Fully rugged design for use in toughest conditions (MIL-STD-810G, IP65)
- Long-life battery pack (up to 16 hours)
- Highly productive positioning work with Leica iCON site and Leica iCON build application software
### Technology

**Processor & Memory**
- Intel® Core™ m5-6Y57 vPro™ Processor
  - 1.1GHz with Intel® Turbo Boost up to 2.8GHz
  - 4MB cache
  - 4GB SDRAM (LPDDR3)

**Data Storage**
- 128GB solid state drive (SSD) with heater

**Operating System**
- Microsoft Windows® 10 Pro

**Screen**
- 7" widescreen, 1280 x 800 resolution, colour TFT, 500 cd/m² (Nits), sunlight readable resistive capacitive touch display

**Keyboard & Buttons**
- Power button, volume button, auto-rotate button, 1 programmable button, 10-point multi-touch, supports gloved touch and gestures and capacitive stylus pen
- Stylus pen with integrated holder in rotating hand strap; On-screen QWERTY soft keyboard

**I/O Ports**
- 1 x USB 3.0; 1 x DC power input;
- Docking connector (24 pin); 1x audio out, mini-jack stereo;
- Integrated microphone and speaker

**Communication**
- Integrated 4G LTE multi carrier mobile broadband
- Intel® Dual Band Wireless AC8260 Wi-Fi 802.11a/b/g/n/ac Bluetooth® v4.1 + EDR

**Integrated GPS**
- L1 GPS integrated (depending on country variant)

**TPS 1-man-mode working range**
- Typical 150m (490 ft); up to 200m (650 ft) with direct line of sight

### Power Management

**Batteries**
- Li-ion long-life battery pack: 7.2V typical 7100mAh, minimum 6800mAh

**Power**
- Input: 120-240 VAC, 50-60 Hz
- Output: 16 V DC, 3.75A

**Operating Time**
- Long-life battery pack: 16h [benchmark], 8h [max. load test]

### Physical Specifications

**Size**
- 203 mm (7.98") x 132 mm (5.20") x 25 mm (0,98")

**Weight**
- 640 g (1.41 lbs), incl. Long-life battery

**Water**
- IP65

**Altitude**
- 12,192 m (40,000 ft), MIL-STD-810G, Method 500.5, Procedure II

**Operating Temperature Range**
- Specified: –10°C (14°F) to 50°C (122°F)

**Storage Temperature Range**
- Specified: –20°C (–4°F) to 60°C (140°F)
- Verified: –51°C (–60°F) to 71°C (160°F), MIL-STD-810G, Method 501.5/502.5, Procedure II

**Humidity**
- 95 % RH temp cycle 30°C (86°F) / 60°C (140°F), MIL-STD-810G, Method 507.5, Procedure II

**Drop**
- Free to plywood 26 drops from 1.5 m (60")
- MIL-STD-810G, Method 516.6, Procedure IV

**Vibration**
- General minimum integrity and helicopter minimum integrity test, MIL-STD-810G, Method 514.6, Procedure I, II

### Accessories

- External 4-bay battery charger, docking station (cradle), 12/24V vehicle charger, additional 7100 mAh battery, pole and vehicle mount solutions, anti-glare screen protectors, hand strap, stylus

---

**Illustrations, descriptions and technical data are not binding. All rights reserved. Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2015. 836855en – 03.17**