

Leica iCON CC70 & CC80

Rugged, lightweight tablets for uncompromising site work



LEICA iCON CC70/CC80 – Real-time communication on site

- World's thinnest and lightest fully-rugged 7" Windows® tablets
- Large 7" sunlight readable touchscreen display for convenient operation
- Microsoft Windows 10 Enterprise LTSC operation system, multi-lingual, multi-touch operating system
- Various wireless communication possibilities (Bluetooth®, Wi-Fi and integrated 4G/LTS¹ multi-carrier mobile broadband) for use with different sensors and internet access
- Fully rugged design for use in toughest conditions
- Operation time up to 16 hours

The powerful, rugged and lightweight devices are designed to enable easy, mobile work on-site and increase productivity. Combined with the construction-tailored field software Leica iCON site and Leica iCON build, Leica Geosystems delivers the optimal solution for building and heavy construction applications. The flexible communication makes real-time data transfer with the central office easy.

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Leica iCON CC80 & CC70



MODEL	CC80	CC70
Operating System	Microsoft Windows 10 Enterprise LTSC	
CPU platform	Core i5-7Y57 vPro, up to 3.3 GHz with Intel Turbo Boost Technology	Core i5-7Y57, 1.0 GHz
RAM	4 GB SDRAM (LPDDR3)	
Data Storage	128 GB SSD with heater	
Display	7" widescreen, 1280x800 resolution, 700 cd/m2 (Nits), sunlight readable, Gorilla Glass 3, 10-finger multi-touch	
Display branding	printed display glass	foil bezel
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	
COMMUNICATIONS		
Integrated Communications ¹	Integrated 4G LTE multi carrier mobile broadband; Intel® Dual Band Wireless AC8260 Wi-Fi 802.11a/b/g/n/ac; Bluetooth® v4.2 (Class 1) + EDR	
Integrated GPS	L1 GPS integrated (depending on country variant)	
Integrated Camera	2 MP front webcam with microphone, 8 MP rear camera with auto focus and LED light	
TPS 1-man mode working range ²	Typical 150 m (490 ft); up to 200 m (650 ft) with direct line of sight	
POWER MANAGEMENT		
Battery	Li-ION "Long life" battery: 7.2 V, 7100 mAh	Standard battery 7.2 V, 3200 mAh
Operating Time ³	16 h (max. load test)	8 h (max. load test)
SPECIFICATIONS		
Size	203 mm (7.98") x 132 mm (5.20") x 25 mm (0.98"), incl. Long-life battery	203 mm (7.98") x 132 mm (5.20") x 18 mm (0.71")
Weight	640 g	540 g
Operating temperature	-29°C (-20°F) to 60°C (140°F)	
Storage temperature	-51°C (-60°F) to 71°C (160°F)	
Rain and dust	IP65	
Humidity	95% RH temp cycle 30°C (86°F) / 60°C (140°F)	
Drop	180 cm	
Vibration	General minimum integrity and helicopter minimum integrity test, MIL-STD-810G, Method 514.6, Procedure I, II	
SOFTWARE SUPPORT		
iCON site / build	✓	✓
Leica ConX	✓	✓
iCON "Surface Pilot"	✓	✓
iCON "Roading"	✓	✗
iCON "Objects"	✓	✗
iCON iCB50 & iCB70	✓	✓
iCON iCR70 & iCR80	✓	✓
iCON iCT30	✓	✓
iCON iCG60	✓	✓
iCON iCG70	✓	✓
iCON iCG70T	✓	✗

1) Availability of 4G LTE modem dependent on country variant. / 2) Long-range Bluetooth handle on TPS and Standard Bluetooth on CC70/CC80 are required. Range varies depending on local conditions. / 3) In continuous field operation mode. May vary with temperature, battery age etc.

✓ = Standard ✗ = Not available

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