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Leica iCON CC200
Field controller
Datasheet



LEICA iCON CC200 – Your new on-site partner!

- Large 10'' screen size
- Increased performance, ideal for handling large amounts of data
- Hard keys with user-customisable shortcuts
- 'Glove' and 'rain' modes for all weather conditions
- Up to 11 hours operating time
- Anti-reflective (AR) screen
- 'Portrait' mode to support specific applications

The rugged 10" Leica iCON CC200 field controller is your reliable on-site partner. Offering enhanced comfort and extended use with its large screen and a single battery that lasts up to 11 hours. The iCON CC200 is designed to smoothly handle use cases requiring large amounts of data. Used in combination with Leica iCON site or Leica iCON build construction field software, it is the ideal solution for all positioning and measuring tasks on your construction site – including on-machine applications.

Leica iCON CC200
Field controller



MODEL	CC200
Operating system	Microsoft Windows® 11 IoT enterprise LTSC 2024
CPU platform	Intel® Core™ Ultra5 processor 135U (with Intel vPro™ Technology) 1.7 GHz with Turbo Boost up to 4.4 GHz, 6 MB cache
RAM	16 GB DDR5x
Data storage	512 GB OPAL NVMe SSD
Display	10" widescreen, 1920 × 1200 resolution, anti-reflective (AR) screen, Intel UHD Graphics, concealed mode; day/night mode, Gorilla Glass 3, 10-finger multitouch
Display branding	Printed display glass
Keyboard & buttons	IP55 2-button digitiser pen (right click & erase), stylus holder, tether and cleaning cloth Supports 'glove' and 'rain' mode 7 tablet buttons (3 user-definable, A1/A2/A3) On-screen QWERTY keyboard
I/O ports	1 x USB-C v5.1; 1 x USB A v5.1; Docking station connector (24 pin); Integrated dual-array microphone; Integrated 88 db speakers; Intel high definition audio compliant
COMMUNICATIONS	
Integrated communications	Integrated 4G LTE with nanoSIM/eSIM support; Intel Wi-Fi 6E AX211; Bluetooth® v5.3 (Class 1)[1]
Integrated GPS	L1 GNSS integrated (depending on country variant)
Integrated camera	1080 p webcam w/privacy cover & dual-array microphone – infrared with Windows Hello support 13 MP auto-focus rear-facing camera with LED flash
TPS 1-man mode working range[2]	Typically 450 m, up to 500 m with direct line of sight
POWER MANAGEMENT	
Battery	Li-ion long 'life' battery: 10.8 V, 6300 mAh
Operating Time[3]	11 hours (max. load test)
SPECIFICATIONS	
Size	27.94 cm x 18.8 cm x 2.8 cm (11.0" x 7.4" x 1.1")
Weight	1.3 kg (2.9 lbs)
Operating temperature	-29 °C (-20.2 °F) to 60 °C (140 °F)
Storage temperature	-50 °C (-60 °F) to 70 °C (160 °F)
Rain and dust	IP65
Humidity	95% RH temp cycle 32 °C (91 °F) / 71 °C (160 °F)
Drop	1.80 m
Vibration	General minimum integrity and helicopter minimum integrity test, MIL-STD-810H, Method 514.8, Procedure I, II

1) Availability of 4G LTE modem dependent on country variant.
2) Range varies depending on local conditions.
3) In continuous field operation mode. May vary with temperature, battery age etc.

Leica iCON. Understanding construction.

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Leica Geosystems AG is part of Hexagon AB. 973769en – 03.25

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- when it has to be **right**

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