

Leica iCON grade iCP42

3D control panel

Data Sheet



The iCON grade iCP42 for bulldozers and graders has a key pad and touch screen for user input. The display is a 7" wide screen and has state of the art brightness, making it possible to use in sunny environments.

The rugged IP56 enclosure is designed for harsh environments. For utmost reliability in harsh and dusty environments, no connecting cables or power supply plugs are used in the iCON excavate iCP41.

- The iCON grade iCP42 is wirelessly powered from the MMB1300 cradle by induction.
- Data transfer is via wireless interface between the MMB1300 cradle and the iCON Grade iCP42.
- The iCON grade iCP42 has WLAN hardware support (for future use).
- On the bottom of the iCON grade iCP42 are ports for SIM card and USB.

Environmental Data	
Water/Dust Rating	IP56 (acc. to IEC60529)
Operation Temperature	-20 °C to 55 °C
Storage Temperature	-40 °C to 85 °C

Mechanical Data	
Weight	1.8 kg
Dimensions	222 x 170 x 88 mm
Material	ABS/PC plastic housing Cooling plate: Casted aluminium PC keypad foil

Display	
Screen	7" LCD colour
Touchscreen	Glass

Compliance	
CE	2014/30/EU EMC 2006/42/EC Machinery
FCC	Part 15, Class B
RoHs	2011/65/EU
WEEE	2012/19/EU

Standards	
EMC	ISO13309: 2010 ISO13766: 2006 EN/ISO 14982: 2009
Mechanical	EN/ISO 12100:2010

Electrical	
Voltage range	Powered by cradle
Current consumption	1.1A @ 24 V cradle
Interface	Infrared
USB port	1 x 2.0
Modem	HSPA for GPRS/GSM/EDGE/HSPA/UMTS
SIM card port	1

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