

Leica Viva CS10 & CS15

Data sheet



Easy-to-use software

The CS10 and CS15 controllers are perfectly designed to be used with SmartWorx Viva surveying software. With clear graphics, practical menu structures, understandable terminology and simplified workflows, save time and effort on any site. SmartWorx Viva is incredibly easy to learn and use. You and your field crew will be up to speed in no time.



Flexible communication & data handling

Stay connected with a wide range of communication and data storage options. With fully integrated wireless Intenna technology (Bluetooth®, GSM/UMTS 3.5G), a choice of two connector modules and data storage using an SD card or USB memory stick, your CS10 and CS15 are ready for all challenges on site and in the office.

ACC»

Customer care only a click away

Through Active Customer Care (ACC), a global network of experienced professionals is only a click away to expertly guide you through any challenge. Eliminate delays with superior technical service, finish jobs faster and avoid costly site revisits with excellent consultancy support. Control your costs with a tailored Customer Care Package (CCP), giving you peace of mind you are covered anywhere, anytime.

Leica Viva CS10 & CS15

CS15 AND CS10 HARDWARE SPECIFICATIONS

		CS10	CS15
Ergonomic and cable-free handheld			
Operating System	Windows CE 6.0	✓	✓
Display	8.9 cm (3.5 in) 640 x 480 pixel (VGA) colour TFT, touch screen, sunlight-readable, LED backlight	Portrait	Portrait
I/O	SD slot (SDIO), 5-pin custom connector (USB) RS232 module: RS232, USB A Host, USB Mini AB OTG, 7-pin connector, Power Lemo module: Lemo (USB and serial), USB A Host, 7-pin connector, Power	✓ ○ ○	✓ ○ ○
Interface	Touch screen, Ergonomic cable-free Handheld with numeric/ alphanumeric keyboard, virtual keyboard	Numeric 26 keys	QWERTY 65 keys
Processor	Freescale i.MX31 533 MHz ARM Core	✓	✓
Memory	512 MB DDR SDRAM	✓	✓
Storage	1 GB (non-volatile NAND Flash)	✓	✓
Audio	Integrated sealed speaker and microphone Bluetooth® audio headset support	✓ ✓	✓ ✓
LEDs	Battery and Bluetooth® status LED	✓	✓
Wireless connectivity	Bluetooth® 2.0 Class 2 2.4 GHz total station radio Integrated GSM/UMTS 3.5G module with fully integrated internal antenna Wireless LAN 802.11b/g	✓ ✓	✓ ○ ✓ □

SOFTWARE

Application Software	Viva Controller runs Leica SmartWorx Viva. In addition, a number of regional solutions are available. For more information on the field software that's best for you, contact your local Leica Geosystems authorised distribution partner.	✓	✓
Standard Software	Internet Explorer Mobile, File Explorer, Word Mobile, Microsoft Windows Media™ Player, Online Help	✓	✓

POWER MANAGEMENT

Removable Battery	GEB212 (7.4 V / 2600 mAh Li-Ion rechargeable)	✓	✓
Battery Charging Time	2 hours	✓	✓
Power	Nominal 12 V DC Range 10.5 – 28 V DC	✓	✓
Operating Time	10 hours (depending on use of embedded devices)	✓	✓

DIMENSIONS AND WEIGHT

Size	CS10: 200 mm / 102 mm / 45 mm (7.87 in / 4.01 in / 1.77 in) CS15: 245 mm / 125 mm / 45 mm (9.65 in / 4.92 in / 1.77 in)	✓	✓
Weight ¹	CS10: 0.54 kg (1.20 lbs) CS15: 0.68 kg (1.50 lbs)	✓	✓

ENVIRONMENTAL SPECIFICATIONS

Operating / Storage temperature range	Operation: –30 to 60° C (–22 to 140° F), Storage: –40 to 80° C (–40 to 176° F)	✓	✓
Dust and Water / Humidity	IP67 (IEC 60529) / 100% non-condensing (MIL-STD-810F, Method 507.4-1)	✓	✓
Drop / Vibration	1.2 m (4 ft) ² / MIL-STD-810F, Method 514.5 – Cat24	✓	✓

ACCESSORIES

100 – 240 V AC power supply for all regions		✓	✓
Stylus		✓	✓
2 x anti-glare display foils		✓	✓
Documentation USB card		✓	✓
Docking station		○	○
12 V DC vehicle charger		○	○
Additional cables		○	○
Hand strap		○	○
Pole holder set		○	○
Soft bag		○	○

¹ Without battery 110 g

² Onto plywood over concrete

✓ = Standard
○ = Optional
□ = Country specific

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- when it has to be right

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