CC100

The IVS® CC100 cluster controller is the wired cluster controller of the IVS® system.

Standard and chip key

The CC100 can be combined with both the standard wired keypads and with the wired keypads with chip key.

Communication

The CC100 provides communication between the PC and keypads. The CC100 sends messages to the keypads and these in turn send the data that was entered by the participants back to the CC100. The translated data is then sent to the program.

1,100 keypads

IO modules can also be connected to the CC100, with a maximum of 10 modules. To each module, an additional 100 keypads can be connected. The maximum number of keypads that can be used by a CC100 therefore adds up to 1,100!

The cluster operates as a master in the keypad network and controls each keypad. The cluster initiates the voting action and retrieves the voting data from the keypads. The cluster itself is controlled by the PC via a USB interface. In addition, the CC100 operates as a master for a separate module (the IO module), which can control additional keypads.

Total number of strings per CC100 is 4
Total number of modules per CC100 is 2 x 5 = 10
Total number of strings per module is 4
Maximum number of keypads is:
4 strings x 25 keypads = 100
Total number of keypads per CC100 is:
100 + 10 x 100 = 1,100

Technical specifications

CC100 PC

Power supply: 230 V AC
PC interface: USB
External temperature: 0° C to +40° C
Dimensions: 231 mm (l) x 18 mm (w) x 90 mm (h)
Weight: approximately 1.6 kg

CC100 IO Module

Power supply: 48 V AC via network cable
Ambient temperature: 0° C to +40° C
Dimensions: 156 mm (l) x 95 mm (w) x 35 mm (h)
Weight: Approximately 0.24 kg

Interactive Voting System bv, De Oude IJssel 9a-b, PO Box 143, 8250 AC Dronten, The Netherlands
Tel.: +31 (0)321 33 99 99, Fax: +31 (0)321 33 95 55
http://www.ivsystem.nl, contact@ivsystem.nl