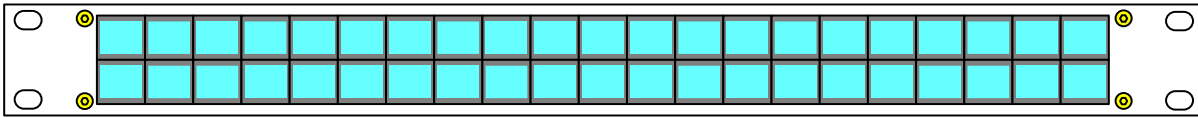# Cerebrum

CCP-4200C

42 LCD button Cerebrum Control Panel
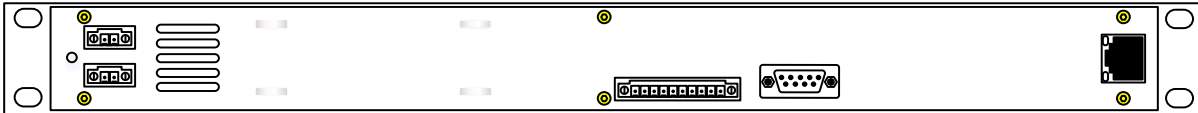
A Cerebrum® product

Panel Layout

Front:

Back:

Features

- 42 flush-mounted LCD buttons
- 8 GPI inputs
- Ethernet communication
- Redundant power supply option
- 1RU, 60mm depth

The CCP4200C panel provides a hardware panel control surface for a Cerebrum control and monitoring system and can be configured to control or show the status of any device connected to the Cerebrum system.

The controls can be configured into one or more sub-panels, each of which can use an unlimited number of linked 'pages' to form a flexible quick and logical user interface to the system.

Each of the 42 buttons has a 64x32 LCD matrix which can either display up to three rows of multi-lingual text in a chosen font and/or a graphical icon. One of up to sixty four different background colors and eight brightness levels can be selected to allow for easy differentiation of functionality, selection or state.

Eight GPI inputs are available and can be used for any function within Cerebrum but most commonly are used for selection of router sources when driven from Camera Operator Control Panel touchdowns.

The panel is configured using the Cerebrum Form Designer application in the same way as the software panels within the system.

The panel communicates with Cerebrum using a TCP/IP protocol over a local or wide area Ethernet network and can be configured to use either DHCP or a manually assigned IP addresses. In manual IP assignment mode the address, sub-net mask and gateway can be assigned using the configuration mode of the panel.

The flush mounted LCD buttons and compact depth allows the panel to be horizontally mounted in a desk or console. The buttons are inserted into sockets allowing them to be changed in the field in the event of any accidental damage.

The panel is powered with an external AC-DC brick PSU unit, which can be attached using the raised metalwork bridges on the rear of the panel. The panel has two lockable DC power inlets allowing for an optional redundant PSU in critical applications.

Ordering information

- **CCP-4200C:** Cerebrum Control Panel with 42 LCD buttons, type C
- **CP-PSU TYBE B:** Cerebrum Control Panel PSU, type B

Specifications

Dimensions

Height	44mm (1.73") (1RU)
Width (including front panel)	484 mm (19")
Depth (including front panel and DC connector and housing)	90mm (3.54")
Width (excluding front panel)	450 mm (17.71")
Depth (excluding front panel, including DC connector and excluding housing)	65mm (2.55")

Power

AC PSU	100–240V AC – 1.0A – 0.5A, Frequency: 50/60 Hz
Panel input	12V DC - 4.0A

Miscellaneous

Weight	1.3 kg excluding AC PSU, 1.5kg including AC PSU
Operating Temperature	0º to 40º C environmental temperature (32º to 104º F)
Storage Temperature	-20º to 70 º environmental temperature (-4º to 158º F)