Cerebrum

CTP-2003

2 RU Cerebrum touch panel with 3 rotary dial buttons

Layout

Front:

Back:

Features

The CTP-2003 touch panel provides a hardware panel control surface for a Cerebrum control system. The panel acts as a Cerebrum web-client which can show any custom designed or pre-made Cerebrum control view interface. All devices connected to the Cerebrum server can be controlled or viewed from this surface. Some commonly used interface examples are: advanced router control, simple XY router interfaces, multiviewer preset control and changing common device setting parameters.

The high-quality, touch sensitive panel features a matte glass finish with anti-glare coating, to prevent reflections from blocking the visibility of the screen. The corners of the glass front panel are cut-off to fit the raised mounting holes, ensuring that the bolts with which you screw the panel into a 19" rack do not scratch or break the glass.

Eight GPI contacts are available and will be enabled in a future release of the panel's firmware, which can be updated with Cerebrum. In the future, these be used for any function within Cerebrum but most commonly these are used for the selection of router sources when driven from Camera Operator Control Panel touchdowns.

The panel communicates with Cerebrum using a TCP/IP protocol over a local or wide area Ethernet network and can be configured to use DHCP or manually assigned IP addresses.

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.

- 1 touchscreen with a resolution of 1920 pixels wide and 291 pixels high
- 3 Rotary dial and press buttons, to quickly change the value of any selected parameter
- 8 GPI inputs on phoenix contacts (future use)
- Ethernet communication
- Linux OS
- Redundant power supply option
- 2RU, 65mm depth

Ordering information

Module:
- **CTP-2003-Web:** Cerebrum 2RU Touch Panel with 3 rotary dial buttons and a web-client license
- **CP-PSU TYPE B:** Cerebrum Control Panel PSU, type B

Specifications

Dimensions

Height	88mm (3.5") (2RU)
Width (including front panel)	484 mm (19")
Depth (including front panel and DC connector and housing)	90 mm (3.54")
Width (excluding front panel)	450 mm (17.71")
Depth (excluding front panel, including DC connector and excluding housing)	65 mm (2.55")

Power

AC PSU	100–240V AC – 1.0 A – 0.5A, Frequency: 50/60 Hz
Panel input	12V DC - 2.0A

Miscellaneous

Weight	~2 kg
Operating Temperature	0º to 40º C environmental temperature (32º to 104º F)
Storage Temperature	-20º to 70 º environmental temperature (-4º to 158º F)

Example interfaces