Digital Keypad

So that the operator can manage the KVM switching system, a digital touch keypad is incorporated into the operator console. Apart from controlling the KVM switching system, the keypad can also be used to operate third party systems, where also the most important functions of the GUI-operator software are to be displayed. In this way the GUI is always visible and immediately operable. The keyboard should be ergonomically angled and firmly fixed to the tabletop.

Short Description:

1. The digital keypad must have a capacitive **Multi-Finger-Touch LCD-Display** (calibration-free)

2. The display must be suitable for a **24/7 operation**

3. **The screen** must at least measure 12,3“ diagonally (widescreen with 11.5 in x 4.3 in active screen surface), having a resolution of at least 1920x720 pixel

4. **The display** is to have a **brightness** of up to 723cd/m².

5. **The digital keypad (built-in)** must be supplied with an **external air quality sensor**. The air quality sensor is to be AI-supported for measuring VOC (Volatile Organic Compounds) to exclude a recurring manual calibration. The **VOC measuring range** must be at least 0-500 VOC index. Additionally, the **sensor** is also able to measure air humidity (0-100%) and temperatures (at least between -13 °F and +158 °F).

6. **The operating temperature** must be designed for a range between -4 °F up to +158 °F.

7. Stereo loudspeakers are to be incorporated into **the digital keypad** to give out GUI signals.

8. **The angle of vision should be as large as possible** measuring at least 170° horizontally and 170° vertically.

9. In order to achieve an **improved distribution of heat**, the controller unit must be separate from the display such that the unit can be built into the supply room of the

operator console.

10. Further mandatory minimum requirements are detailed in the list of parts.

Product:

JST Jungmann Systemtechnik or similar.

List of Parts:

Please insert List of Parts here.