

Posiflex compliance with Section 508 of the Rehabilitation Act

§ 1194.25 Self contained, closed products.

(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach assistive technology to the product. Personal headsets for private listening are not assistive technology.

Application developers control the purpose and user interface of self contained systems, the Posiflex touch screen terminal is one example of a data input method. The Posiflex systems will align with the software application requirements.

(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.

Application developers control the timing of a response required on the touch screen and the Posiflex systems will align with the software application requirements.

(c) Where a product utilizes touch screens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).

See section excerpt below.

(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.

Posiflex user identification hardware options include: Magnetic Stripe Reader, Thumbprint Reader, Barcode Card Reader, and OS Software On Screen Pin Pad. Application developers control the methods of biometric user identification required on the touch screen and the Posiflex systems will align with the software application requirements.

(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.

Application developers control the audio features required on the system and the Posiflex systems will align with the software application requirements.

(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.

Application developers control the audio features required on the system and the Posiflex systems will align with the software application requirements.

(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

Application developers control the color coding on the user interface and the Posiflex systems will align with the software application requirements.

(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.

This can be achieved through the Intel Graphics Media Accelerator (for Mobile) included on the Posiflex touch screen systems and would be controlled by the software application user interface.

(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

Posiflex LCD screens operates at 60Hz without flicker.

(j) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following:

(1) The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length (see Figure 1 of this part).

(2) Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.

(3) Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.

(4) Operable controls shall not be more than 24 inches behind the reference plane

Systems integrators control the placement of controls in a non-portable systems and the Posiflex touch screens can be placed for optimum accessibility. Freestanding Posiflex terminals are designed to be placed for compliance with items 1 through 4 above.

§1194.23 (k) (1) through (4)

(k) Products which have mechanically operated controls or keys, shall comply with the following:

(1) Controls and keys shall be tactilely discernible without activating the controls or keys.

All hardware function controls and keys (on/off switch) are tactilely discernible without activation. Application developers can make the touch screen display discernible upon certain user input and Posiflex systems will align with the software application requirements.

(2) Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.

All hardware controls and keys are in compliance.

(3) If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.

Application developers control the response to a key selection on the user interface and the Posiflex systems will align with the software application requirements. By design, our touch firmware does not support repeat functions on a single touch.

(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.

Posiflex touch screens do not have locking or toggle controls, however, touch sound frequency and volume can be modified through the Posiflex touch manager module to accommodate varying needs as required by the application software.