

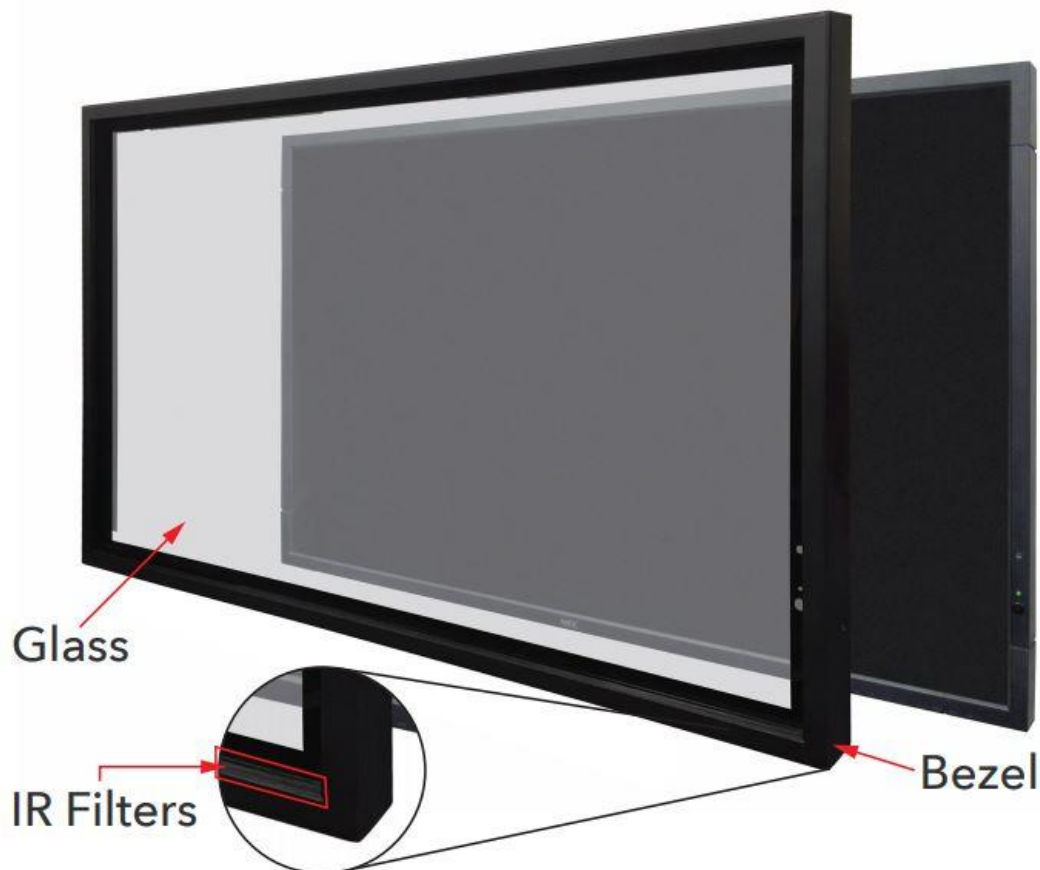
# Screen Cleaning Guide

## TSI Touch Infrared (IR) Touch Enabled Display Cleaning

### Exposed Elements:

The IR touch screen consists of three primary elements exposed to the end user:

- Protective tempered cover glass
- Covers the entire face of the display
- Powder coated cold-rolled steel housing (Bezel)
- IR filters
- Red polycarbonate strips visible to the end user around the perimeter of the touch screen



### Cleaning Directions:

#### Step 1: Power Off The Display



#### Step 2: Apply Solution



Apply cleaning solution directly onto a lint-free, non-abrasive soft cloth

**Spraying the cleaner/solution directly on the touch screen may cause damage to touch components and display**

#### Step 3: Clean the Glass



Wipe the glass surface using circular motions to avoid smudges and streaks

#### Step 4: Inspect



Inspect the touch screen glass. Repeat cleaning as required until touch screen glass is dust and smudge free

**The primary causes of damage to an IR touch screen while being cleaned are:**

- Scratches to the protective cover glass
- Caused by use of abrasive cleaning materials
- Damage to the IR filters
- Caused by use of abrasive cleaning materials or repeated application and saturation of acidic or alkali solution including alcohol.
- Damage to the electronics housed behind the IR filters
- Caused by the application of cleaning fluids directly to the glass surface or IR filters that results in the penetration of fluids and flooding of the electronics.

Limited removal of permanent marker, dry marker, and other difficult to remove marks from the face of the cover glass can be accomplished using any non-abrasive cleaner suitable for glass cleaning if extreme care is taken to ensure the cleaning solution does not come in contact with the IR filters.

Very limited removal of permanent marker, dry marker, and other difficult to remove marks from the face of the IR filters can be accomplished using alcohol if extreme care is taken to ensure the cleaning solution does not saturate the IR filter strips. Repeated use of alcohol to clean the IR filters will result in permanent damage to the IR filter strips.

**CAUTION:** Do not use any chemical solvents such as acidic or alkali solution.

**CAUTION:** DO not use abrasive cleaning products that will scratch glass.

**CAUTION:** Do not apply cleaning solution directly to the touch screen. Apply cleaning solution to cloth. Then use the cloth to clean the screen.

**CAUTION:** Follow the instructions to clean the interactive flat panel. Not following these instructions may result in damaging the product components and void the warranty.

**CAUTION:** Do not use permanent or dry-erase markers on the screen. If dry-erase markers are used on the screen, remove the ink as soon as possible with a lint-free, non-abrasive cloth.