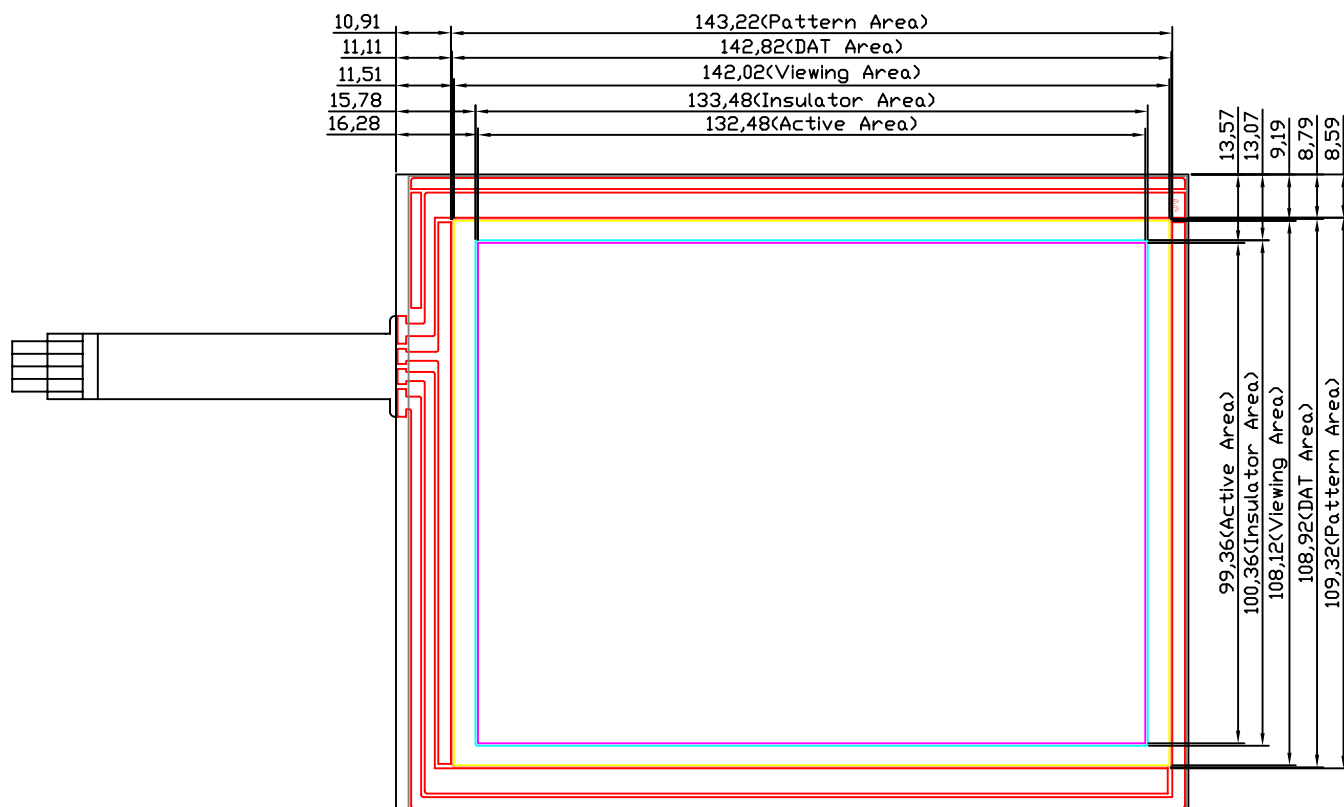


Hantouch USA Touch Screen Tolerances



Using the generic 6.4" drawing above as a reference:

Hantouch USA uses a standard tolerance of +/- 0.3mm for the outer dimensions of the glass substrate.

Hantouch USA uses a general tolerance of +/- 0.5mm for the pattern on the glass.

The tolerance for the active area is +0.5mm on each side. This gives a total combined tolerance of +1 mm.

The tolerance for the viewing area is + 0.6mm (0.4mm for double tape insulator and 0.2mm for the Ag conductor paste) on each side for a total tolerance of +1.2mm.

The Viewing Area and the Active Area are not readily visible in the touch screen.

Often when attempting to measure the Viewing Area or the Active Area, what is typically measured is the distance between the insulators or the distance between the Ag patterns. This measurement is not the same as the Active Area or the Viewing Area.

The reason for these tolerances is because we guarantee the minimum size of our active area and viewing area on our drawings. This allows for some tolerance during the assembly of the touch screen to the LCD.