Panie chińczyk, mam problem z panskim produktem.

Kupiłem produkt

„8 inch 4-wire resistive touch panel is used on 8 inch tft lcd 800x600 Dots display”

I podczas zasilania go napięciem znamionowym 5V odczyty osi X i Y są od siebie zależne w znacznym stopniu. Uniemożliwia to prawidłową kalibracje ekranu dotykowego i wykorzystaniu go w moim projekcie. Napięcie wyjściowe z obu osi przepuściłem przez wzmacniacz operacyjny o wzmocnieniu 0.66, aby bezpiecznie odczytac pomiary. Przesyłam w załączniku pomiar 12-bitowego ADC w 4 rogach panelu dotykowego w formacie [reading\_ADC\_X\_axis, reading\_ADC\_Y\_axis].

P1[104, 1289],  
P2[338,330] ,  
P3[1909, 3626],  
P4[971, 1804].

Mimo zastosowania kalibracji za pomocą algorytmu zamieszczonego w załączniku, obecne działanie panelu uważam za niedopusczalne. Z tego powodu piszę maila, czy to normalne zachowanie waszego produktu, w ramach tolerancji, które akceptujecie, czy dostałem jakiś wybrakowany panel rezystancyjny? Jeżeli dostałem wybrakowany produkt proszę o wysłanie nowego.

I’ve bought this product and it seems not to work correctly. I used 5V voltage source as stated here, but readings from this panel are not good at all. When I slide a finger or pen in only X axis - value read from Y axis also changes. That makes using the data impossible, even after trying to calibrate the touch panel using the algorithm found in this paper.

I’ve bought this product and it seems not to work correctly. I used 5V voltage source as stated in your documentation, but readings from this panel are not good at all. When I slide a finger or pen in only X axis - value read from Y axis also changes. That makes using the data impossible, even after trying to calibrate the touch panel using the algorithm found in this paper (www.ti.com/lit/an/slyt277/slyt277.pdf) .

I attach data that I have collected from the panel. It can be easily seen that X axis readings are highly dependent of X and Y. During slide of finger in only one axis (coloured arrows show the direction of movement), the other axis changes, as shown in the pictures.

My question is following: Is this ok according to your standards or have I received a faulty touch panel? Can You vow that the next touchpanel got from You will be working correctly with X axis readings independent of Y axis?

To Whom It May Concern,

I’ve recently bought product of yours (https://www.buydisplay.com/default/8-inch-4-wire-resistive-touch-screen-panel-1)

and it seems not to work correctly.

I have used 5V voltage source as stated in your documentation, but readings from this panel are not good at all. When touch the sensor, and move the touching point in only X axis - value read from Y axis also changes. That makes using the read data impossible, even after calibration the touch panel using the algorithm found in this paper (www.ti.com/lit/an/slyt277/slyt277.pdf) .

I attach data that I have collected from the panel in pictures under links below. It can be easily seen that X axis readings are highly dependent of X and Y. In the first picture coloured arrows show the direction of movement of the touchpoint and in the following pictures there is shown the output of the touchpanel read by 12-bit ADC of microcontroller.

My question is following: Are the panel readings OK according to your standards or have I received a faulty touch panel? Can you assure me that the next touchpanel got from you will be working correctly with X axis readings independent of Y axis?

Looking forward to hearing from you,

Karol Szurkowski

Attached pictures:

https://ibb.co/r0r7Xmx

https://ibb.co/nRyFCyT

https://ibb.co/Vq3q4nh