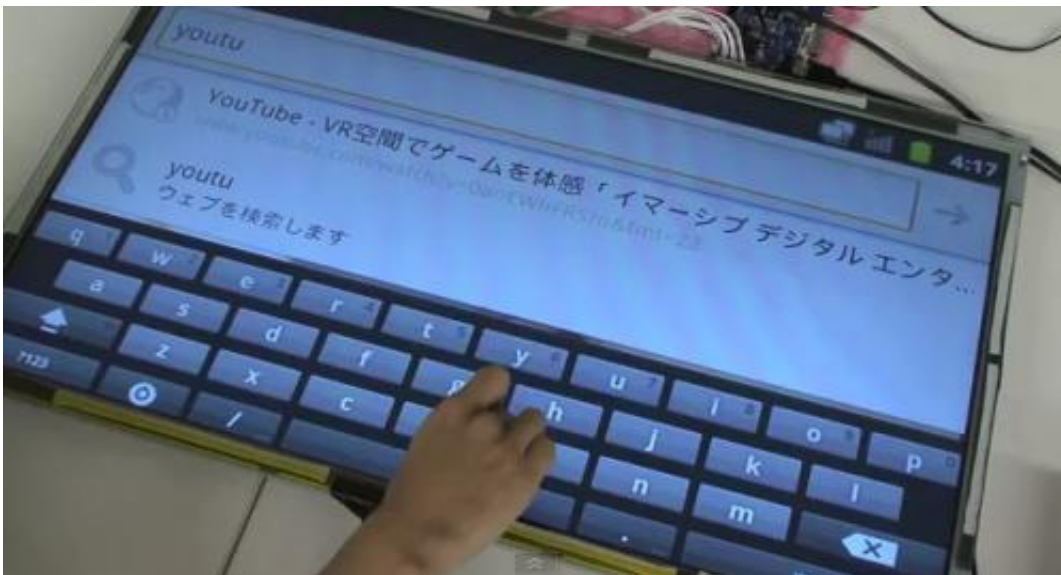


SKR researchers develop a 32-inch Android-based multi-touch display

July 6 2011, by Katie Gatto



(PhysOrg.com) -- Researchers at SKR have developed a prototype of a multi-touch 32" display screen that runs on the Android operating system. The screen, which runs off of a standard Android terminal, is connected to the touch sensors and an HDMI screen via a USB port. The end result of the screen is that the android interface works like smaller devices, but it can also display large format Full HD video.

The company released the following statement about the creation of the prototype screen:

“Our company makes digital signage, and people were asking us to create a large screen device which has multi-touch functionality like a smart phone. We first tried to make it using Windows 7, but it didn’t meet the needs of our customers. They said they wanted crisp, fluid movement like in a smart phone but with a high-resolution [display](#). But when we asked touch panel and peripheral manufacturers they said they don’t support the Android OS, so we were temporarily stalled. We want to do a lot more work with Android in the future, so we decided to develop the system ourselves.”

This means that the company also had to develop their own drivers for the device in order to have a multi-touch display of this size run properly. Of course, this screen will not only come in the 32" prototype size. When the screens are sold commercially the company expects to sell in a variety of sized, including a 23" and a 46". There is also some discussion about the creation of a wide screen version of this device.

The product is expected to be ready for commercialization by September, though no release specifics have been given at this time.

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