

The Thinnest Touch Surface Yet

Written by Marco Attard
06. September 2013

British wireless technology specialist CSR claims it developed the thinnest touch interface yet-- a paper-thin (0.5mm) wireless device able to turn any area into a touch surface.



The surface is both lightweight and flexible, meaning OEMs can integrate it into protective covers or provide larger desktop touch zones. It can also act as a super-slim keyboard or detect handwriting or sketches via modified pen, with touch latency of just 12 milliseconds.

Handling wireless connectivity is a CSR1010 chip, a Bluetooth Smart development from CSR allowing it to connect to iOS and Windows 8 devices using a "fraction" of the power standard Bluetooth demands.

Inside is a flexible Atmel touch silicon membrane, over which a copper interface is "printed" on by circuits specialist Conductive Inkjet Technology (CIT).

"The ultra-thin touch surface we've developed is a perfect example of how Bluetooth Smart can give them just that," CSR says. "We're committed to working collaboratively with developers using the CSR μ Energy platform to help them bring similar next-generation accessories to the market quickly."

The curious can touch the CSR technology at IFA 2013 before it hits the consumer market sometime during 2014.

Go [World's Thinnest Wireless Touch Surface Enabled by CSR Bluetooth Smart](#)