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[\[Coating\] Fingerprint-free Touch Panel Becomes Possible! National Taipei University of Technology Develops "Diamond Film"](#)

[Coating] Fingerprint-free Touch Panel Becomes Possible! National Taipei University of Technology Develops "Diamond Film" ([Chinese Version](#))

CNA (2011/03/20) The fingerprints on the screen of the touch panel devices annoy the users a lot. National Taipei University of Technology has developed new coating skill and presented "diamond film" which is anti-pressure, anti-UV and fingerprint-free! The design has been patented and planned to transfer for mass production.

A research team led by Professor Chii-Ruey LIN at the Graduate Institute of Mechanical and Electrical Engineering, National Taipei University of Technology developed a film coated on touch panel with nano-diamond powder, special chemical formula and a unique coating process. The film, called "diamond film" (trans. temp.) is hard, anti-UV, anti-corrosion and high transparent. Especially, no fingerprint can be left on it. The technology has been published in international journal, and won an award in a nationwide competition.

The film can be coated on the panel of cellphones, panel computers, e-dictionary, solar batteries, etc. The team also continues the development of the production equipment which allows for the film to be coated on glass or plastic materials and large-sized flat.

Reference:

[CNA 2011/03/20](#) (Chinese)

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[National Science Council International Cooperation Sci-Tech Newsbrief](#)

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