



Interactive Touch Foil

nLighten interactive touch foil is a transparent touch sensing foil. Paste the foil on plan, such as glass and wall. It can be used to convert the area covered by interactive touch foil to a operable area for touch so as to realize various interactive touch functions. nLighten interactive touch foil has high accuracy of touch and good anti-interference. It is a new interactive demonstration technology.

Features of interactive touch foil:

- Projective condenser technology is adopted, to easily make extreme large size with longer lifecycle and more beautiful appearance.
- High precision and accurate touch
- Easy for installation, able to be installed on glass and wall, and any flat material.
- Good anti-light-interference, unaffected by the change of light in the environment

Multi -point touch function

- Support single point and dual points touch

Low carbon emission and environmental friendly

- Environmental friendly materials adopted, without radiation, low power consumption

Various options on sizes

- 30 to 95 inches (4:3) , 30 to 116 inches (16:9) , 30 to 149 inches (21:9)
- The size can be customized per customers' requirements.

Various installations

- with film (semi-permanent paste) attached with stronger adhesive and flexible PVC attaching film, able to withstand environmental temperature and humidity change and prevent bubble generated; meanwhile, it can be adhered with touch foil tightly, attached on the surfaces of non-metal materials, such as glass.
- glued type (permanent paste), with glue layer on the back, when installed, the protective layer for the glue on the back should be ripped off. The glued surface should be pasted on glass in accordance with the way for automobile filming.
- Glue-free type (removable type), without adhesive film, no glue on the back, able to be reused



Illustration of touch foil



Transparent touch sensing foil



Projective condenser technology

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Specification

Touchfoil™ size	30"~95"(4:3)
	30"~116"(16:9)
Customisable Feature	Sizes, Tail length, Tail width, Tail position, Active area and cut
Position Accuracy	30"-50" Approx 2mm absolute, 1mm relative, No drift / 51"-70" Approx 5mm absolute, 71"-116" Approx 8-10mm absolute,
Controller Board	Removable controller board
Sensitivity	Can be programmed for different thickness of glass and even use with gloved hands. Standard configuration function with non-metallic single construction glass 20mm thick inclusive of glass and air gap. Sensitivity through Double Glazing also possible*.
Speed of Response	Typically 18-50ms
Output	Either RS 232C Communications to a 9 pin D female or USB to RS 232 Adaptor or USB 2.0 HID Device A Male to Male Mini B
Software Compatibility	Windows XP, Vista and 7 operating systems / Mac Leopard, Snow Leopard, and Lion operating systems / Linux Fedora, Kubuntu and Ubuntu operating systems
Temperature Range	Better than -10 to + 70°C
Humidity Controller	0% 95%. Unaffected by condensation
Light Transmission	Typically better than 93%
EMCE	EN55022:1998+A1+A2
	EN55024:1998+A1+A2

※ 以上規格及設備以實機為主，nLighten保留變更之權利，若有變更，恕不另行通知