

EXC Series



Projected Capacitive Touch Screen

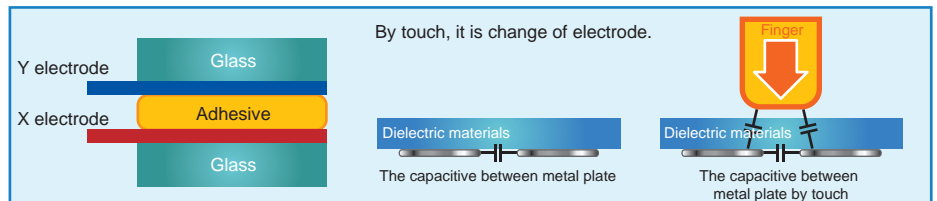
Two point touches is available.

- | High Durability
- | Water Resistance
- | Input with glove is possible
- | Max 15 inch
- | High Transmission
- | Two points touch is available
- | High Resolution

Features

This technology allows two points recognition and light touch inputs. It is excellent in resistance against abrasion and ultraviolet. These features make the EXC projected Capacitive sensor a good choice for Industrial and medical applications. EXC Projected Capacitive sensor offers great flexibility in design with high level of visibility.

Touch Screen Structure



Specifications

Operating Life	Over 50 million touches.	Operating Temperature	-20°C to +70°C
Surface Hardness	5H	Activation Force	ON(Operation guarantee touch dimension >= 10PH)
Light Transmittance	91% (typ)	Tail material	Polyimide tail
Reflectance ratio	Less than 8%	Matrix numbers	8.4inch X axis 31wire, Y axis 23wire 15inch X axis 52wire, Y axis 40wire

Controller

Features

The customization of the pin layout is available by a customer demand.

Specifications

Substrate size	8.4inch: 80.0mmx28.0mm (X axis 31 wire, Y axis 23wire) 15inch: 125.0mmx28.0mm (X axis 52wire, Y axis 40wire)
Voltage / Power consumption	5V / 50mA (typ)
Interface	USB / RS232C
Resolution	2048x2048



DMC Co., Ltd.
Interface with Touch

<http://www.dmccoltd.com/english>

DMC Co., LTD is a touch screen manufacturer.

Tokyo Office 9F Kanda-Sento Building, 1-2-4 Yushima, Bunkyo-ku, 113-0034 Tokyo, Japan
TEL:+81-3-5209-7135 FAX:+81-3-5209-7130