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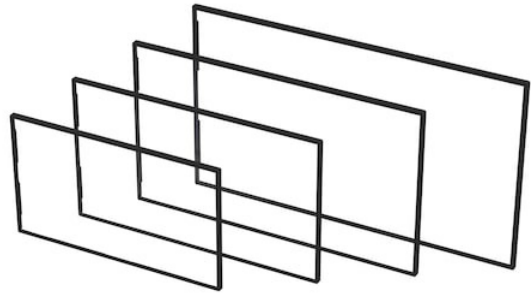
Multi-Touch Overlay Kit (STP-IR100 Series)

Multi-touch overlay kit for 55", 65", 75" and 85" 4K Professional Displays

Overview

Effortless screen interaction at your fingertips

Available to match screen sizes from 55" up to 85" these slim and light, easy-to-fit overlay kits transform 4K Professional Displays into a multi-touch enabled interactive screen.

Interact with the display using your finger, pen or other opaque object. Precision IR technology ensures a smooth, accurate and highly responsive user experience with up to ten touch points (depending on application support).

The overlay's clean, simple design features a slim bezel that blends discreetly into any environment, while fingerprint resistant glass minimises unsightly smears and marks.

Our touch-enabled 4K Professional Displays* are ideal for a wide range of interactive signage and information kiosk applications – from schools, universities, museums, libraries, boardrooms and offices to hotel lobbies, hospitality zones, retail stores and visitor attractions.

Multi-touch overlay kit is supplied by Assist Co. Ltd.

STP-55IR100 overlay kit compatible with 55-inch Professional Displays
STP-65IR100 overlay kit compatible with 65-inch Professional Displays

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STP-75IR100 overlay kit compatible with 75-inch Professional Displays
STP-85IR100 overlay kit compatible with 85-inch Professional Displays

*Professional Display available separately

Features

Engage audiences with a touch
Responsive, high quality touchscreen overlays transform your Professional Display (available separately) into a super-size touch enabled interactive terminal.

Responsive, accurate multi-touch performance
Audience engagement is right at your fingertips. Customers and visitors can't keep their hands off these big, beautiful screens: up to 10 multi-touch points (depends on application) ensure accurate, responsive performance across the entire display area.

Range of screen size options
There's a choice of multi-touch overlays, offering guaranteed compatibility with current Professional Display models in screen sizes from 55" up to 85".

Easy installation and set up
Deploy your multi-touch display solution in minutes. Overlay kit is powered directly by USB connection.

Specifications

Touch	
Touch type	IR (Infrared Rays) Spread
Input Method	Finger, Pen and Opaque objects
Available object size	Single touch 6 mm, Multi touch 8

for touch	mm
Response Time	< 15ms
Frame Rate	125 Hz
Touch Accuracy	±2 mm (over 90% Area)
Interface	USB 2.0
Protection Glass Thickness	STP-55IR100 - 2.8 mm STP-65IR100 - 2.8 mm STP-75IR100 - 3.2 mm STP-85IR100 - 4 mm
Protection Glass Transmission	< 85%
Operating System Support	Windows 7 / 8 / 8.1 / 10 / Mac OS X (10.6 or later) / Android (Kernel 4.0 or later) / Linux (Kernel 3.5 or later) / Chrome
Multi touch point	Max 10 Point
Touch Resolution	32767 × 32767

Connectivity

Input	USB
Average Current	< 300mA

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Working Voltage	DC 5V ± 5%

Physical Specification

Colour	Black
Bezel Width	STP-55IR100 - 19 mm STP-65IR100 - 19 mm STP-75IR100 - 20.5 mm STP-85IR100 - 25.1 mm
Overlay Dimension (W x H x D)	STP-55IR100 - 1252.8 × 723.4 × 31 mm STP-65IR100 - 1471.5 × 846.5 × 31 mm STP-75IR100 - 1696.2 × 974.3 × 34.1 mm STP-85IR100 - 1927.2 × 1108.2 × 28.5 mm
Weight (Head)	STP-55IR100 - 9.1 Kg STP-65IR100 - 11.6 Kg STP-75IR100 - 16.2 Kg STP-85IR100 - 24.6 Kg
Carton Dimensions (W x H x D)	STP-55IR100 - 1366 × 815 × 140 mm STP-65IR100 - 1585 × 940 × 140 mm STP-75IR100 - 1808 × 1066 × 140

	mm STP-85IR100 - 2040 × 1200 × 140 mm
Packed Weight	STP-55IR100 - 14.9 Kg STP-65IR100 - 18.8 Kg STP-75IR100 - 24.5 Kg STP-85IR100 - 34.3 Kg

Special Features

Language (Manual)	Arabic, Chinese, English, French,Japan, Spanish, Russian, Vietnamese

Environmental Conditions

Operation Temperature	0 ℃ ～ 40 ℃
Operation Humidity	20 % ～ 80 %

Certification

Certification	FCC / CB / RCM / EAC / GB / ICES / RoHS

Accessory

Gallery