

# EIR Series Infrared Touch Screen

37" (16:9) IR touch overlay, Dual-touch version. 3mm tempered glass is incl. designed with glass mounting and adjustable hanger. OS supported Windows / Linux / Mac. USB2.0/HID

Model: EIRMT-37



EIR Series Frame-Overlay/Integration  
EIR Series (26" to 103")

## Features

- Single/Multi Touch Operation
- Overlay with Adjustable Hanger to Apply to LCD/LED/Plasma TV..all displays
- Integrated with Kiosk, Digital Signage, Interactive Whiteboard, POS...etc
- Available in Portrait/Landscape Monitors
- Supports Multi-monitor
- Finger, Gloved hand...all are employed
- Long-Lasting
- Waterproof optional
- Customizations on request



25~73 mm of thickness reachable

Intuitive Adjustable Hanger Fits Any Displays



Easy Glass Mounting / Slim and Thin Frame Design



i-Tech Company LLC

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## EIR Series

Unit: mm

Size		26"	32"	37"	40"	42"	46"	47"	50"	52"	55"	60"	65"
Model no.		EIRMT-26	EIRMT-32	EIRMT-37	EIRMT-40	EIRMT-42	EIRMT-46	EIRMT-47	EIRMT-50	EIRMT-52	EIRMT-55	EIRMT-60	EIRMT-65
Active Area	H	583.4	703.5	823.1	890.7	932.3	1026.4	1042	1109.6	1156.4	1213.6	1338.9	1432.5
	V	333.3	401.4	463.8	500.2	526.2	578.7	588.6	625	651.5	682.7	755.5	807.5
Frame Outside	H	650.1	770.2	889.8	957.4	999	1093.1	1108.7	1176.3	1223.1	1280.3	1405.6	1499.2
	V	400	468.1	530.5	566.9	592.9	645.4	655.3	691.7	718.2	749.4	822.2	874.2

## Specification

### System

#### OS supported

Windows / Linux / Mac

#### Controller

On Flat (no extra board)

#### Controller Interface

USB 2.0/HID

### Touch Characteristics

#### Input Method

Finger or gloved hand or opaque object

#### Touch Activation Force

No minimum force

#### Touch Point Density

4096x4096

#### Report Rate

100 rps (at Max)

#### (position per second)

#### Minimum Touch Object

>7mm

### Environment

#### Temperature

Operating: -20 to 70°C / -4 to 158 °F;

Storage: -40 to 85°C / -40 to 185 °F

#### Relative Humidity

Operating: 90% non-condensing at max 40°C;

Storage: 90% non-condensing at max 40°C

#### Operating Voltage

Below 47" and 47": DC 5.0V (from USB);

Over 47": DC 5.5V ~ 6V (from Adapter)

### Optical

#### Light Transmission

>90 %

#### Certification

#### Certifications

CE, FCC class B

#### Durability

#### Glass Overlay

Surface durability is that of glass. Mohs' Hardness rating of 7

#### Warranty

1 year limited0



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# EIRMT Kit Mounting Quick Guide\_G2

## 1. Accessories package :

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	SIZE		EIRMT24~37"	EIRMT42~47"	EIRMT52~65"
Item	Description	Picture	Qty	Qty	Qty
1	Hanger		1 set (6 pcs )	1 set (6 pcs )	1set (6 pcs )
2	Rubber Pad 2T(2 mm)*25*25 mm		4 pcs	4 pcs	4 pcs
3	Rubber Pad 3T(3 mm)*25*25 mm		4 pcs	4 pcs	4 pcs
4	3M Dual Lock pad		4 pcs	4 pcs	4 pcs
5	Adapter DC 5.5V 2.0 A		0	0	1
6	Screw size 3*8 mm (For mounting hangers)		4+2 pcs <i>(2 pcs for backup used)</i>	4+2 pcs <i>(2 pcs for backup used)</i>	4+2 pcs <i>(2 pcs for backup used)</i>
7	Truss Screw size 4 *6 mm (For mounting A,B,C hangers)		8+2 pcs <i>(2 pcs for backup used)</i>	8+2 pcs <i>(2 pcs for backup used)</i>	8+2 pcs <i>(2 pcs for backup used)</i>
8	Snap Rivet (For middle part I-shape shield adhering used)		2 pcs	4 pcs	4 pcs

## 2. Hanger Mounting:

1. There are several fixing holes behind the A and B side of upper frame.

Please adjust the hanger for suitable and desired position and tighten up with 3\*8 mm screws (as Fig.1).

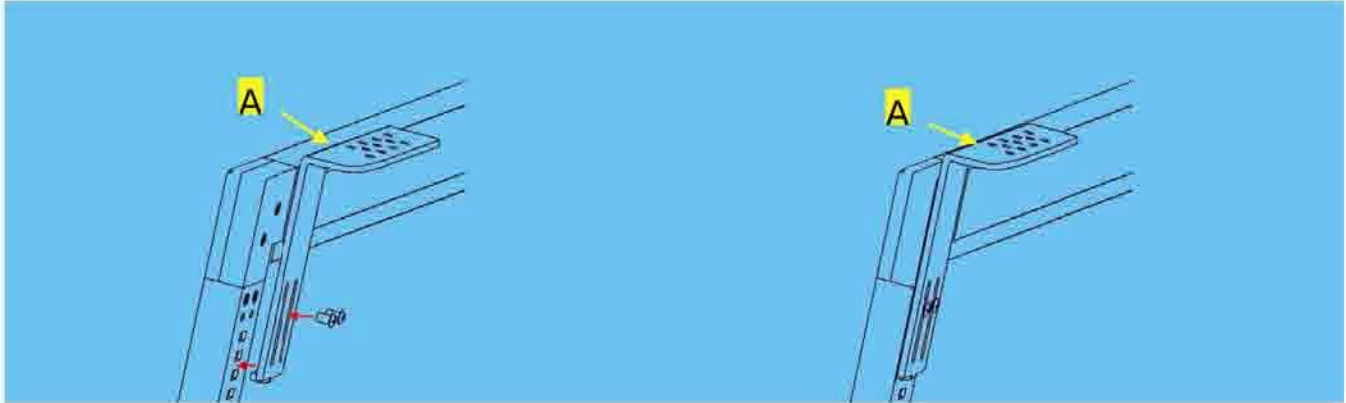


Fig.1

## 3. Mounting Securing and Stabilizing:

2. The provided Rubber Pads have three different types (2T and 3T); The recommended type 2T Rubber Pads should be added to the rear side of frame to prevent the scratching on the surface of display housing; add the VELCRO pads to the hangers, upper and lower part of the rear frame to secure the mounting (Fig. 2). (Note: Adjust the gap by using different type of Rubber Pads (2T and 3T) to prevent the frame from moving.)

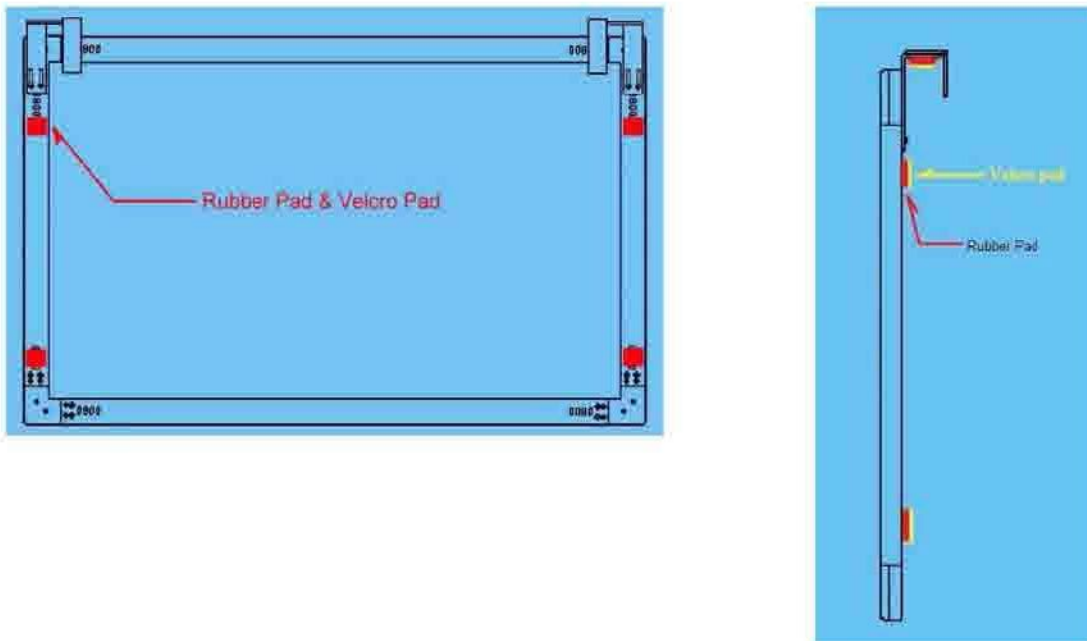


Fig. 2

#### 4. Hanger Adjustment:

3. Put the EIRMT on LED (or Plasma) display, then add on Hanger B (as Fig.3).

Please adjust the hanger for suitable thickness and desired position and tighten up the 4\*6 mm screws.

If you would like to adjust thickness as more flexibility, you may add Hanger C and tighten up by 4\*6mm screws (Fig.3.1)

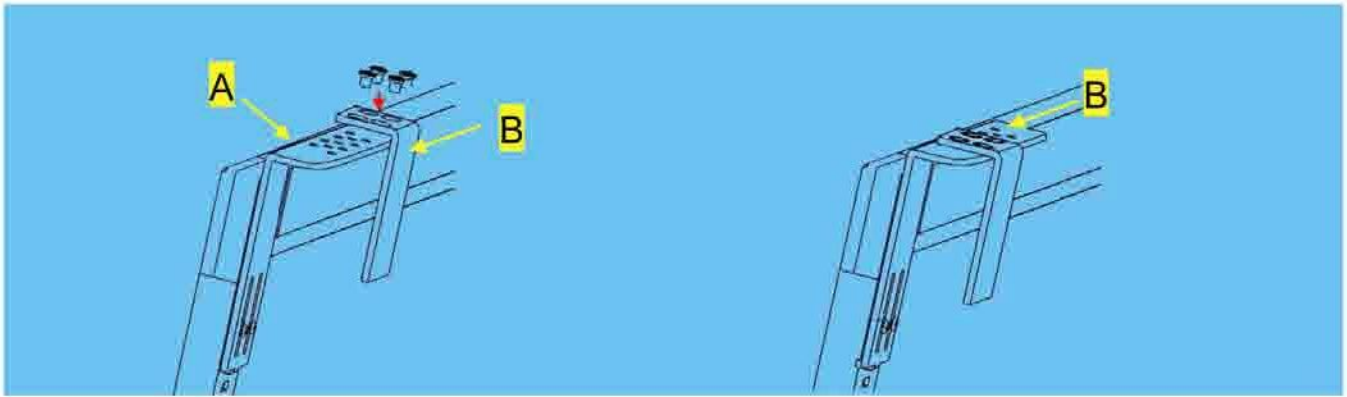


Fig. 3

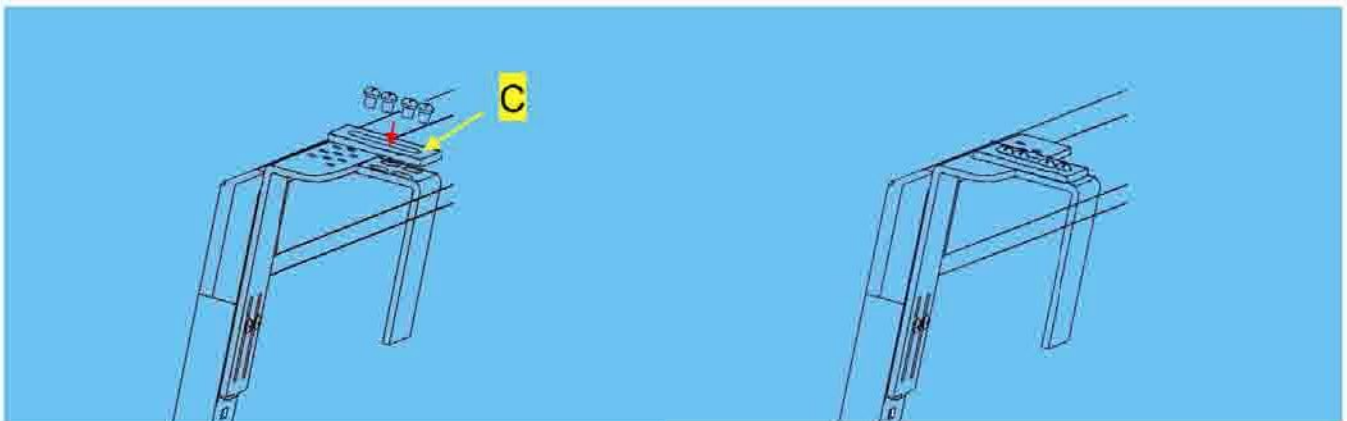
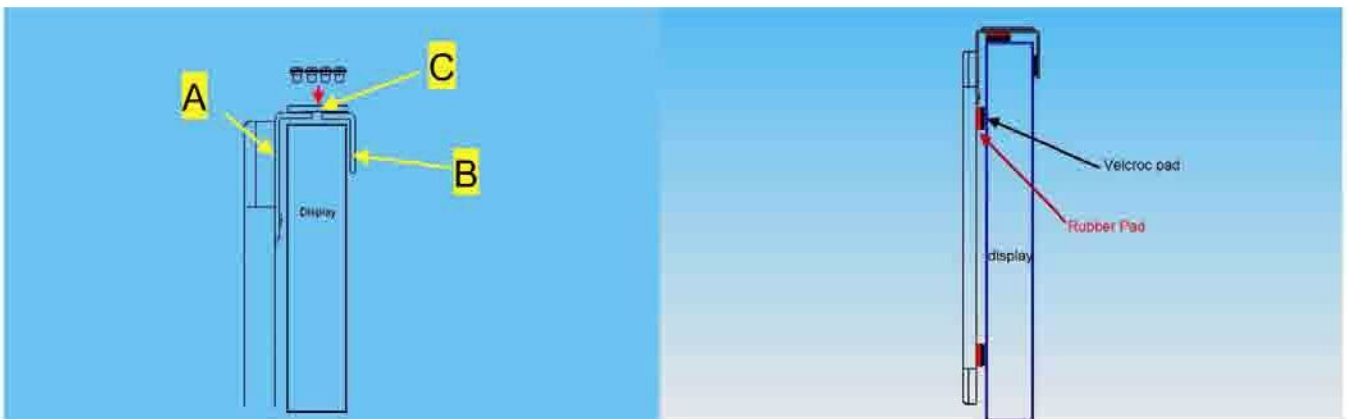


Fig.3.1







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