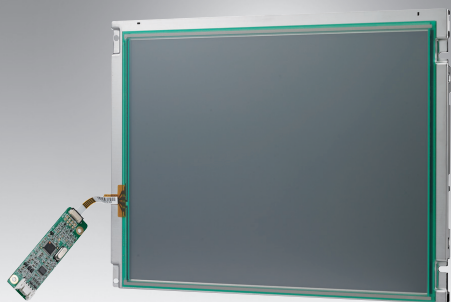


# IDK-1110

## 10.4" SVGA Industrial Display kit with Touch Solution

NEW



### Features

- 10.4" LCD supports 800 x 600 pixels and wide operating temperature (-10 ~ 60° C)
- Brightness of 400 cd/m<sup>2</sup> with LED backlight
- 4-wire resistive touch solution
- High contrast ratio of 700:1
- High uniformity of 75%
- LVDS signal interface
- Low power consumption 2.88 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- Anti-Reflection surface treatment (optional)
- Optical bonding (optional)

### Introduction

The Advantech IDK-1110 series comes with a 10.4" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1110 series supports 4-wire resistive touch with low power consumption at the maximum of 2.88 W. IDK-1110 series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

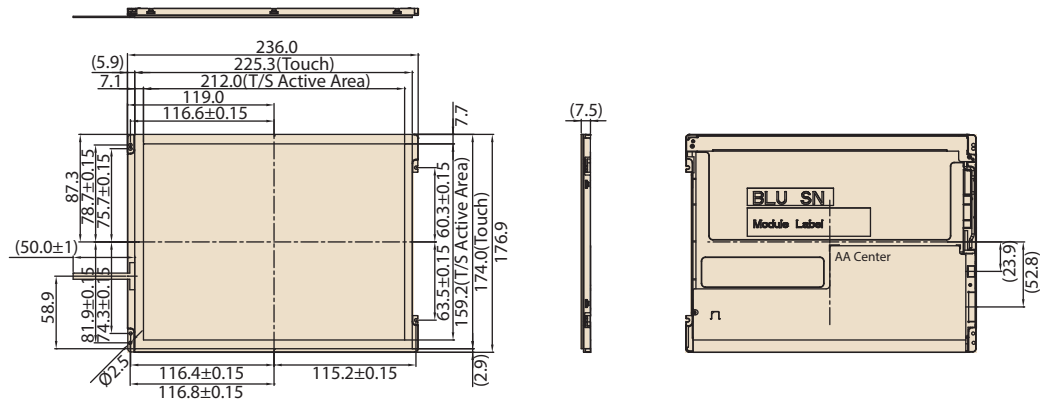
### Specifications

	Model	IDK-1110R-23SVA1E	IDK-1110R-40SVA1E
LCD Panel	Size	10.4" LED backlight panel	10.4" LED backlight panel
	Resolution	800 x 600	800 x 600
	Viewing Angle (U/D/L/R)	60° / 70° / 80° / 80°	60° / 70° / 80° / 80°
	Brightness	230 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
	Backlight Life (hrs)	30,000 hrs	50,000 hrs
	Contrast Ratio	500 : 1	700 : 1
	Response Time (ms)	35 ms	15 ms
	Colors	6 Bit (262K)/8 bit (16.2 M)	6 Bit (262K)/8 bit (16.2 M)
	Voltage	3.3 V Power	3.3 V Power
	Consumption	3.5 W	2.88 W
	Signal Interface	1 channel LVDS	1 channel LVDS
	Weight	470 g	530 g
	Dimensions (W x H x D)	236 x 176.9 x 7.5 mm	243 x 184 x 8.3 mm
	Touch Screen	Touch Screen	4-wire Resistive
Transparency		82.5%	82.5%
Surface Hardness		3H	3H
Durability		1 million times	1 million times
Environment	Operating Temperature	-10 ~ 60° C	-10 ~ 60° C
	Storage Temperature	-20 ~ 70° C	-30 ~ 70° C
	Humidity	90% @ 39° C, non-condensing	90% @ 39° C, non-condensing

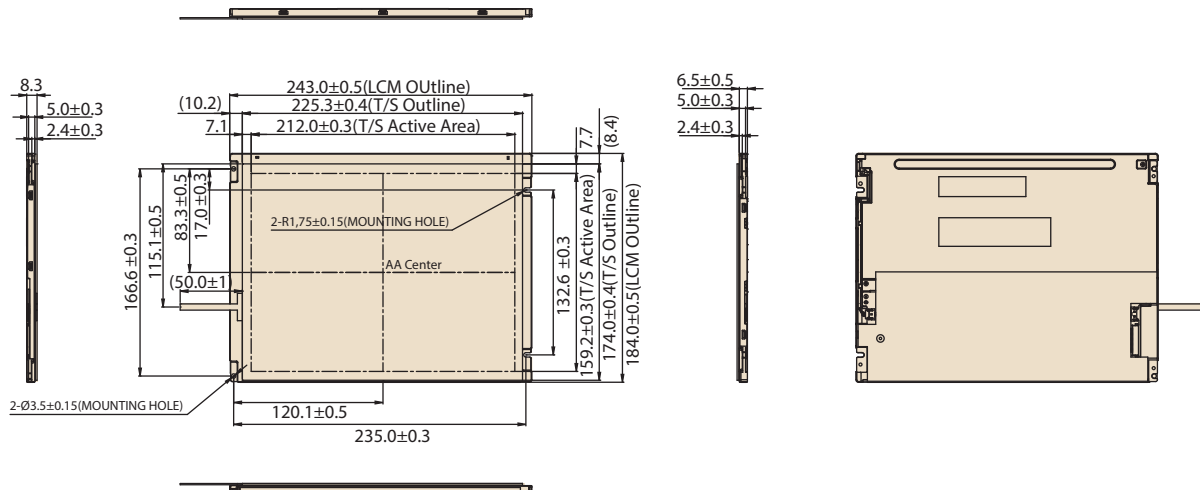
## Dimensions

Unit: mm

### IDK-1110R-23SVA1E



### IDK-1110R-40SVA1E



## Ordering Information

Part No.	Size	Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-1110R-23SVA1E (Economical)	10.4"	230	LVDS	4-wire Resistive	USB
IDK-1110R-40SVA1E	10.4"	400	LVDS	4-wire Resistive	USB

## Packing List

Part Number	Description
ETM-RES05C-EEH4EE	1 x 4-wire USB Touch controller
1700020324-01	1x USB Touch cable 5P-2.0/USB-A (M) 180CM

Note: Package contents are subject to change without prior notice

## Optional Order

SBC Part No.	LVDS cable P/N	Display interface	B/L cable P/N	Touch interface	Touch power input
MIO-5270	96CB-L2040PAC4	Single channel 18bit LVDS (SVGA)	96CB-E0505PAC3	USB	5V
PCM-9362	96CB-L2020PAC2	Single channel 18bit LVDS (SVGA)	96CB-E0505PAC3	USB	5V
AIMB-270	96CB-L2040PAC4	Single channel 18bit LVDS (SVGA)	96CB-E0505PAC3	USB	5V

For more compatible embedded board solution, please visit our Build Your display web page as bellow  
<http://www.advantech.com/buildyourdisplay>