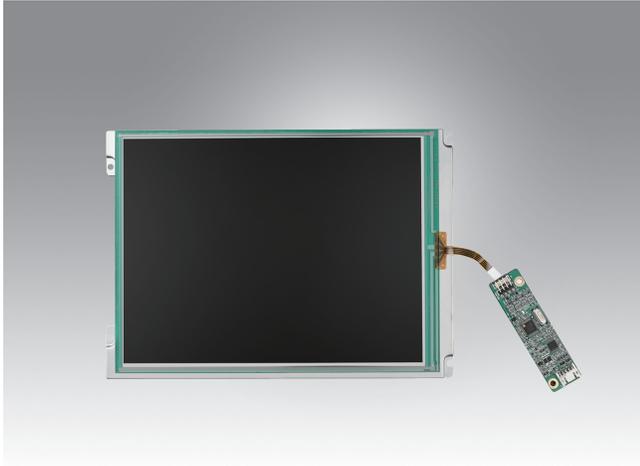


# IDK-1108

## 8.4" SVGA Industrial Display kit with Touch Solution



### Features

- 8.4" LCD supports 800 x 600 pixels and wide operating temperature (-20 ~ 70° C)
- LCD brightness of 500 cd/m<sup>2</sup>
- 4-wire resistive touch solution
- LVDS signal interface
- Low power consumption 3.24 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- PCAP solution (Customized request)
- AR surface treatment (Customized request)
- Optical bonding (Customized request)

### Introduction

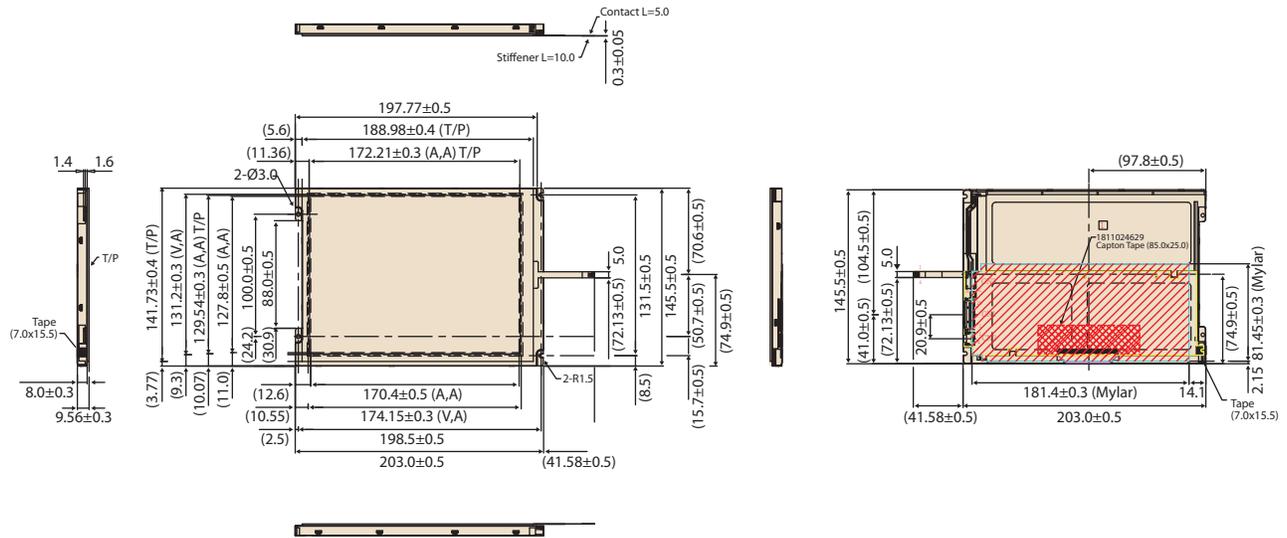
The Advantech IDK-1108 series comes with a 8.4" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1108 series supports 4-wire resistive touch with low power consumption at the maximum of 3.24 W. IDK-1108 series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

### Specifications

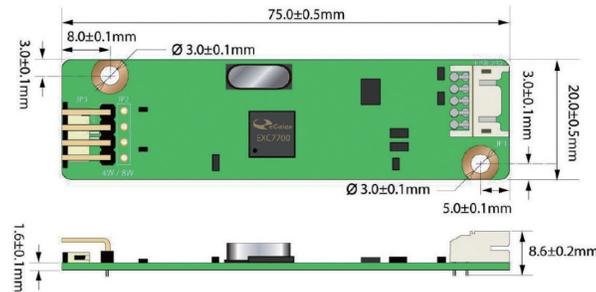
Model No.	IDK-1108R-50SVB1	
LCD Panel	Display Size	8.4", 4:3
	Resolution	800 x 600
	Viewing Angle (U/D/L/R)	80° / 60° / 80° / 80°
	Brightness	400 cd/m <sup>2</sup> after touch
	Backlight Life (hrs)	50,000
	Contrast Ratio	600 : 1
	Response Time (ms)	16 ms
	Colors	6 Bit (262K)/8 bit (16.2 M)
	Voltage	3.3 V Power
	Consumption	3.24 W
	Signal Interface	1 channel LVDS
	Weight	250 g
Dimensions (W x H x D)	203.0 x 145.5 x 8 mm	
Touch Screen	Touch Screen	4-wire Resistive
	Surface Treatment	Anti-Glare
	Surface Hardness	3H
	Durability	1 million times
Environment	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-30 ~ 70° C
	Humidity	90% @ Max. 60° C, non-condensing

## Dimensions

Unit: mm



## Touch Control Board



## Ordering Information

Part No.	Size	Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-1108R-50SVB1	8.4"	450	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 Part No.	Display Interface	B/L Cable Part No	Touch Interface	Touch Power Input
MIO-5270	96CB-L2040PAB4	LVDS: Single channel 18bit (SVGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V
PCM-9362	96CB-L2020PAB2	LVDS: Single channel 18bit (SVGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V
AIMB-270	96CB-L2040PAB4	LVDS: Single channel 18bit (SVGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V

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