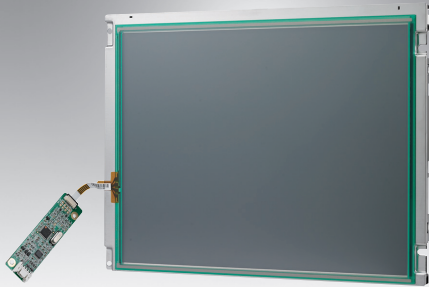


IDK-1108

8.4" SVGA Industrial Display kit with Touch Solution

NEW



Features

- 8.4" LCD supports 800 x 600 pixels and wide operating temperature (-10 ~ 60° C)
- Brightness of 450 cd/m² with LED backlight
- 4-wire resistive touch solution
- High contrast ratio of 600:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 2.94 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (optional)
- Optical bonding (optional)

Introduction

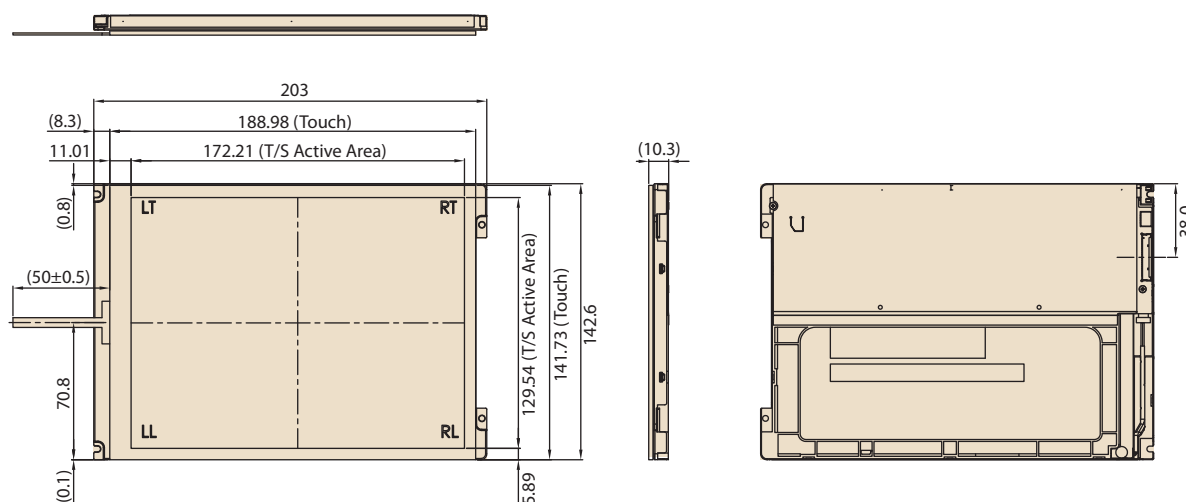
The Advantech IDK-1108 series comes with a 8.4" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1108 series supports 4-wire resistive touch with low power consumption at the maximum of 2.94 W. IDK-1108 series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	8.4" LED backlight panel
	Resolution	800 x 600
	Viewing Angle (U/D/L/R)	80° / 60° / 80° / 80°
	Brightness	450 cd/m ²
	Backlight Life (hrs)	50,000hrs
	Contrast Ratio	600 : 1
	Response Time (ms)	30 ms
	Colors	6 Bit (262K)/8 bit (16.2 M)
	Voltage	3.3 V Power
	Consumption	2.94 W
	Signal Interface	1 channel LVDS
	Weight	250 g
	Dimensions (W x H x D)	203 x 142.6 x 10.3 mm
Touch Screen	Touch Screen	4-wire Resistive
	Transparency	82.5± 2.5%
	Surface Hardness	3H
	Durability	1 million times
Environment	Operating Temperature	-10 ~ 70° C
	Storage Temperature	-30 ~ 70° C
	Humidity	90% @ Max. 39° C, non-condensing

Dimensions

Unit: mm



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1108R-45SVA1E	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
2066110000	1 x CD-ROM for User manual and touch driver

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>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[IDK-1108R-45SVA1E](#) [IDK-084R-28SVI1](#)