

IDK-2108

8.4" 1,200 cd/m² Ultra High Brightness Industrial Display Kit with LED B/L

NEW



Features

- 8.4" LCD supports 800 x 600 pixels and wide operating temperature (-5 ~ 60° C)
- Ultra-high brightness of 1200cd/m2 with LED backlight
- High contrast ratio of 600:1
- High uniformity of 85%
- Superior sunlight readability
- LVDS signal interface
- Low power consumption 4.32 W
- AR surface treatment (optional)
- Manually VR brightness control (optional)
- Auto-dimming solution with light sensor (optional)
- Optical bonding (optional)

Introduction

The Advantech IDK-2108 series comes with an 8.4" 1200 cd/m² industrial grade LCD display, and an LED driving board. The series is also available with flexible options for touch screens and enhanced treatment such as AR surface treatment and optical bonding solution. IDK-2108 series supports 1200 cd/m² high brightness with low power consumption at the maximum consumption of 4.32 W. Equipped with high level of brightness and wide operating temperature, IDK-2108 provides superior sunlight readability and is perfect for applications whether in semi-outdoor or outdoor environments.

Specifications

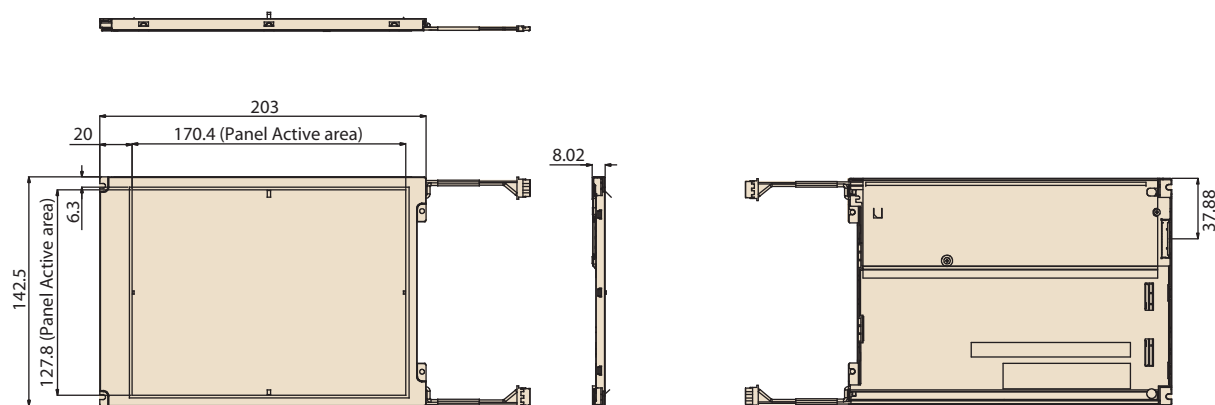
LCD Panel	Display Size	8.4" LED backlight panel
	Resolution	800 x 600
	Viewing Angle (U/D/L/R)	75° / 75° / 75° / 75°
	Brightness	1200 cd/m ²
	Contrast Ratio	600 : 1
	Response Time (ms)	30 ms
	Colors	262 K / 16.2 M
	Voltage	3.3 V
	Power Consumption	4.32 W
	Signal Interface	1 channel LVDS
LED Driver Board	Weight	260 g (N series)
	Dimensions (W x H x D)	N series: 203.0 x 142.5 x 9.0 mm R series: 203.0 x 142.5 x 10.12 mm
	Efficiency	85%
Touch Screen (R series)	Output Current & Voltage	200 mA / 17.1 V
	Dimensions (W x H x D)	70 x 16 x 5 mm
	Touch Screen	4-Wire Resistive
	Light Transmission	82 ± 3 %
Environment	Durability	1 million times
	Operating Temperature	-5 ~ 60° C
	Storage Temperature	-30 ~ 85° C
	Humidity	5 ~ 95% @ 40° C, non-condensing

Dimensions

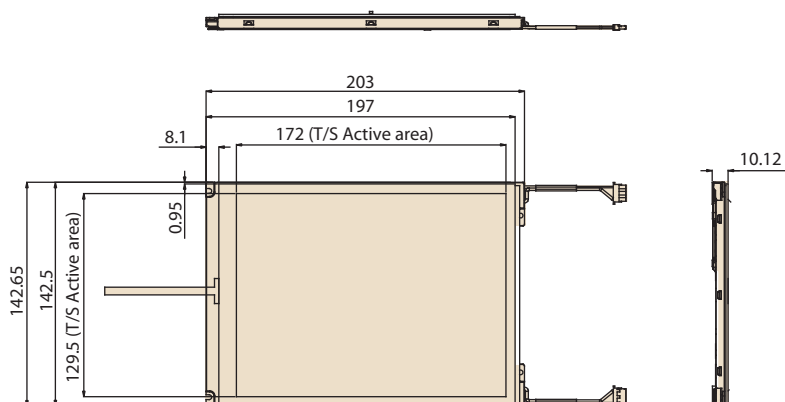
Unit: mm

IDK-2108N Series

Back Side



IDK-2108R Series



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-2108N-K2SVA1E	8.4"	1200	LVDS	N/A	N/A
IDK-2108R-K2SVA1E	8.4"	1200	LVDS	4-Wire Resistive	RS-232/USB

IDK Naming Rule

