

# IDK-2117

## 17" 1,200 cd/m<sup>2</sup> Ultra High Brightness Industrial Display Kit with LED B/L

NEW



### Features

- 17" LCD supports 1280 x 1024 pixels and wide operating temperature (0 ~ 50° C)
- Ultra-high brightness of 1200cd/m<sup>2</sup> with LED backlight
- High contrast ratio of 1000:1
- High uniformity of 80%
- Superior sunlight readability
- LVDS signal interface
- Low power consumption 17W
- Anti-Reflection surface treatment(optional)
- Manually VR brightness control (optional)
- Auto-dimming solution with light sensor (optional)
- Optical bonding (optional)

### Introduction

The Advantech IDK-2117 series comes with a 17" 1200 cd/m<sup>2</sup> 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-2117 series supports 1200 cd/m<sup>2</sup> high brightness with low power consumption at the maximum consumption of 17W. Equipped with high level of brightness and wide operating temperature, IDK-2117 provides superior sunlight readability and is perfect for applications whether in semi-outdoor or outdoor environments.

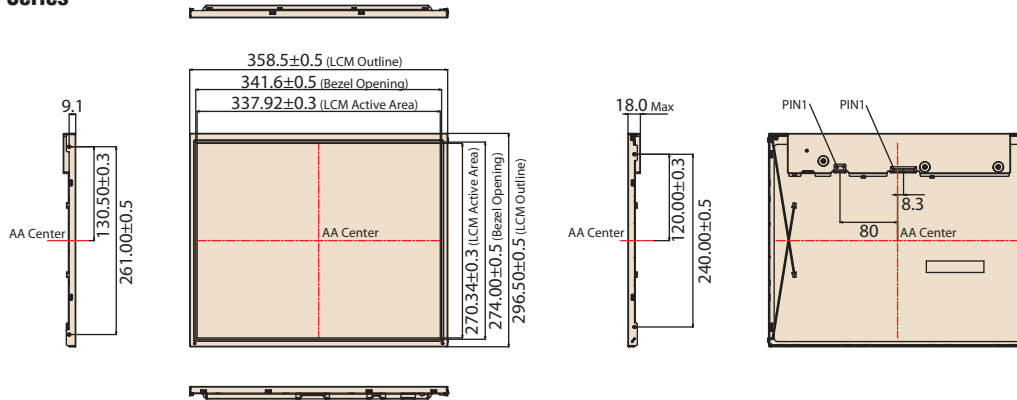
### Specifications

LCD Panel	Display Size	17" LED backlight panel
	Resolution	1280 x 1024
	Viewing Angle (Horizontal/Vertical)	170°/160°
	Brightness	1200 cd/m <sup>2</sup>
	Contrast Ratio	1000 : 1
	Response Time (ms)	5 ms
	Colors	16.2 M
	Voltage	5 V
	Power Consumption	17W
	Signal Interface	2 channel LVDS
	Weight	1300 g (N series) 1760 g (R series)
Dimensions (W x H x D)	N series: 358.5 x 296.5 x 18 mm R series: 358.5 x 296.5 x 20.9 mm	
LED Driver Board	Efficiency	90%
	Input Current & Voltage	1.3A/12V
	Dimensions (W x H x D)	80 x 54.2 x 10 mm
Touch Screen (R series)	Touch Screen	5-Wire Resistive
	Light Transmission	80 ± 2%
	Durability	10 million times
Environment	Operating Temperature	0 ~ 50° C
	Storage Temperature	-20 ~ 60° C
	Humidity	5 ~ 90% @ 40° C, non-condensing

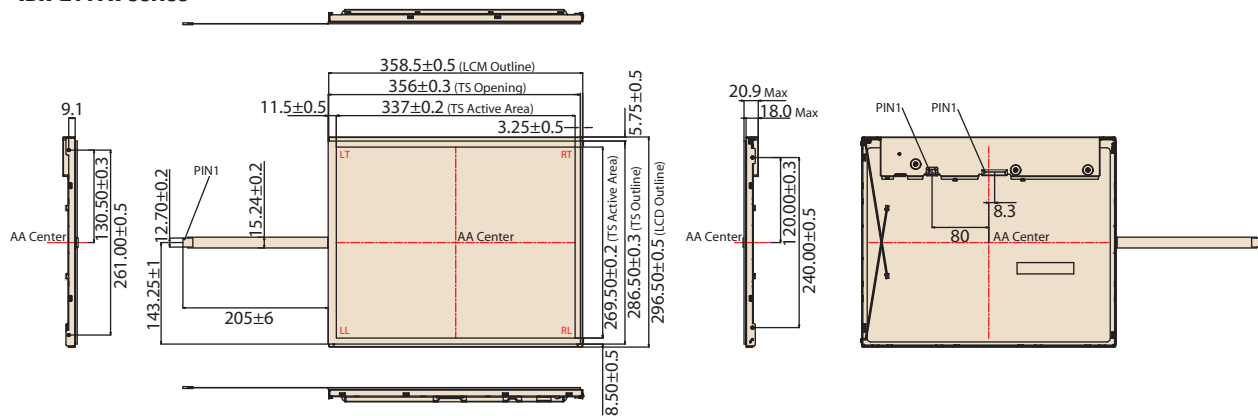
## Dimensions

Unit: mm

### IDK-2117N Series



### IDK-2117R Series



## Ordering Information

Part No.	Size	LCD Panel Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-2117N-K2SXA2E	17"	1200	LVDS	N/A	N/A
IDK-2117R-K2SXA2E	17"	1200	LVDS	5-Wire Resistive	RS-232/USB

## Packing List

Part Number	Description
ETM-RES04C-EEH4EE	1 x 5-wire USB touch controller
1700020324-01	1 x USB cable for Touch controller
968AD00014	1 x LED driver board

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-L3040PAF5	Dual channel 24bit LVDS (FHD)	N/A (external power was required)	USB	5V
AIMB-270	96CB-L3040PAF5	Dual channel 24bit LVDS (FHD)	N/A (external power was required)	USB	5V

Note: Package contents are subject to change without prior notice