

# IDK-2119

## 19" 1,200 cd/m<sup>2</sup> Ultra High Brightness Industrial Display Kit with LED B/L

NEW



### Features

- 19" LCD supports 1280 x 1024 pixels and wide operating temperature (0 ~ 50° C)
- Ultra-high brightness of 1200 cd/m<sup>2</sup> with LED backlight
- High contrast ratio of 1100:1
- High uniformity of 85%
- Superior sunlight readability
- LVDS signal interface
- Low power consumption 36.64 W
- AR surface treatment (optional)
- Manually VR brightness control (optional)
- Auto-dimming solution with light sensor (optional)
- Optical bonding (optional)

### Introduction

The Advantech IDK-2119 series comes with a 19" 1200 cd/m<sup>2</sup> industrial grade LCD display, and an LED driver 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-2119 series supports 1200 cd/m<sup>2</sup> high brightness with low power consumption at the maximum consumption of 36.64 W. Equipped with high level of brightness and wide operating temperature, IDK-2119 provides superior sunlight readability and is perfect for applications whether in semi-outdoor or outdoor environments.

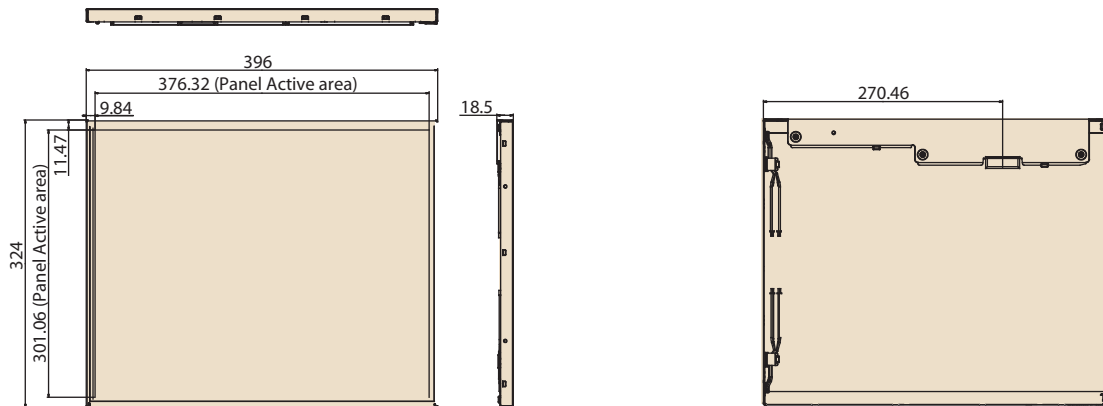
### Specifications

LCD Panel	Display Size	19" LED backlight panel
	Resolution	1280 x 1024
	Viewing Angle (U/D/L/R)	80° / 80° / 85° / 85°
	Brightness	1200 cd/m <sup>2</sup>
	Contrast Ratio	1100 : 1
	Response Time (ms)	5 ms
	Colors	16.7 M
	Voltage	5 V
	Power Consumption	36.64 W
	Signal Interface	2 channel LVDS
	Weight	N series: 2500 g (N series)
	Dimensions (W x H x D)	N series: 396 x 324 x 17.5 mm R series: 396 x 324 x 22.4 mm
LED Driver Board	Efficiency	85%
	Output Current & Voltage	1500 mA / 22 V (Max.)
	Dimensions (W x H x D)	90 x 50 x 7 mm
Touch Screen (R series)	Touch Screen	5-Wire Resistive
	Light Transmission	81± 3%
	Durability	1 millions times
Environment	Operating Temperature	0 ~ 50° C
	Storage Temperature	-20 ~ 60° C
	Humidity	5 ~ 95% @ 40° C, non-condensing

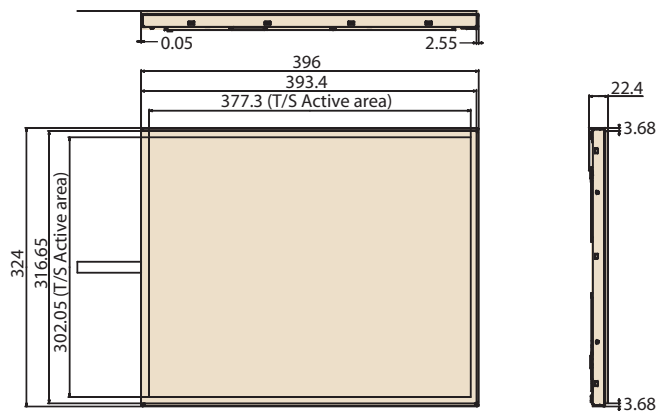
## Dimensions

Unit: mm

### IDK-2119N Series



### IDK-2119R Series



## Ordering Information

Part No.	Size	Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-2119N-K2SXA1E	19"	1200	LVDS	N/A	N/A
IDK-2119R-K2SXA1E	19"	1200	LVDS	5-Wire Resistive	RS-232/USB

## IDK Naming Rule

**IDK - 2 1 21 W R - K2 FH A1E**

