

# 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 1000:1
- High uniformity of 85%
- Superior sunlight readability
- LVDS signal interface
- Low power consumption 35.42 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 35.42 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.

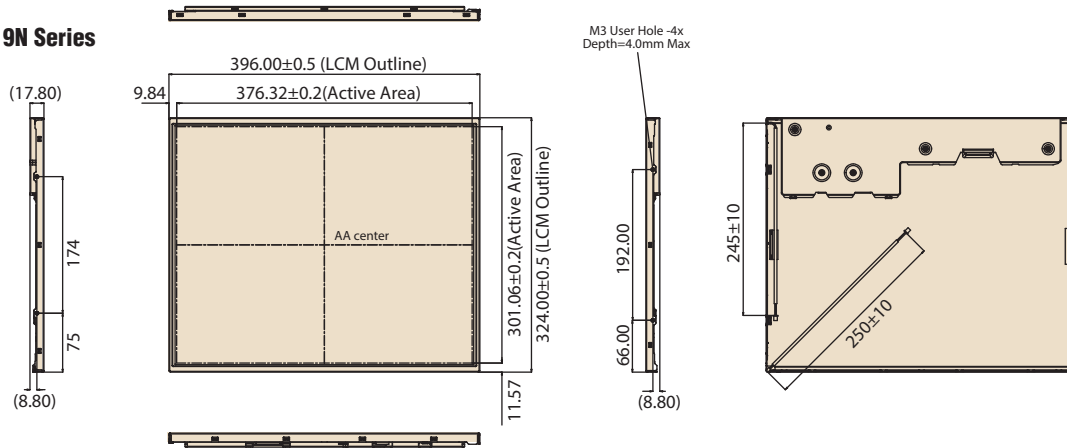
### Specifications

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	1000 : 1
	Response Time (ms)	5 ms
	Colors	16.7 M
	Voltage	5 V
	Power Consumption	35.42 W
	Signal Interface	2 channel LVDS
	Weight	N series: 2500 g (N series)
LED Driver Board	Dimensions (W x H x D)	N series: 396 x 324 x 17.8 mm R series: 396 x 324 x 21.7 mm
	Efficiency	85%
	Output Current & Voltage	1500 mA / 24 V (Max.)
Touch Screen (R series)	Dimensions (W x H x D)	80 x 54.2 x 6.5 mm
	Touch Screen	5-Wire Resistive
	Light Transmission	81± 3%
	Durability	10 millions times
Environment	Operating Temperature	0 ~ 50° C
	Storage Temperature	-20 ~ 60° C
	Humidity	5 ~ 95% @ 40° C, non-condensing

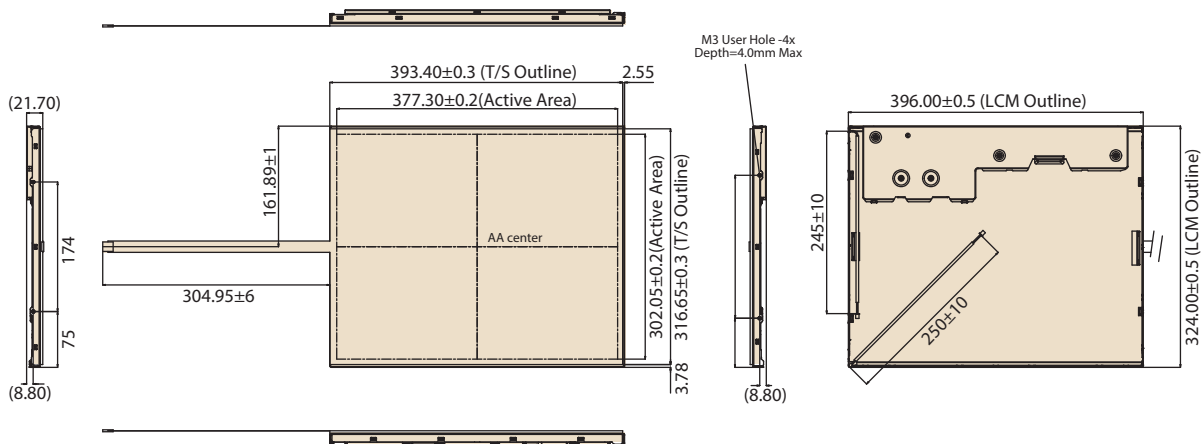
## Dimensions

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-K2SXA2E	19"	1200	LVDS	N/A	N/A
IDK-2119R-K2SXA2E	19"	1200	LVDS	5-Wire Resistive	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

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 (SXGA)	96CB-E0605HAB1	USB	5 V
PCM-9588	96CB-L3040PAF5	Dual channel 24bit LVDS (SXGA)	96CB-E0905PAF3	USB	5 V
AIMB-214	96CB-L3040PAF5	Dual channel 24bit LVDS (SXGA) LVDS 1	96CB-E0905PAF3	USB	5 V