

IDK-2117

17" 1,200 cd/m² 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/m² with LED backlight
- High contrast ratio of 1000:1
- High uniformity of 85%
- Superior sunlight readability
- LVDS signal interface
- Low power consumption 29.47 W
- AR 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/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-2117 series supports 1200 cd/m² high brightness with low power consumption at the maximum consumption of 29.47 W. 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.

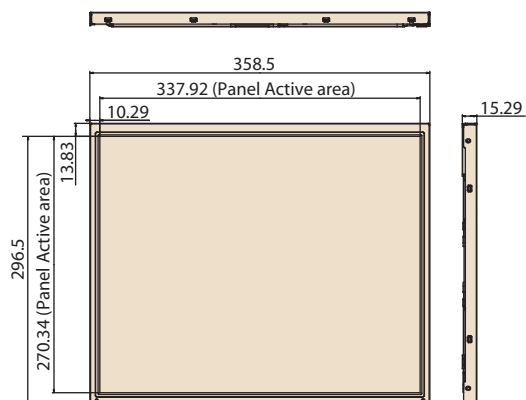
Specifications

LCD Panel	Display Size	17" LED backlight panel
	Resolution	1280 x 1024
	Viewing Angle (U/D/L/R)	80° / 80° / 85° / 85°
	Brightness	1200 cd/m ²
	Contrast Ratio	1000 : 1
	Response Time (ms)	5 ms
	Colors	16.7 M
	Voltage	5 V
	Power Consumption	29.47 W
	Signal Interface	2 channel LVDS
	Weight	2200 g (N series)
LED Driver Board	Dimensions (W x H x D)	N series: 358.5 x 296.5 x 16.8 mm R series: 358.5 x 296.5 x 18.19 mm
	Efficiency	85%
	Output Current & Voltage	1400 mA / 17.3 V
Touch Screen (R series)	Dimensions (W x H x D)	90 x 50 x 7 mm
	Touch Screen	5-Wire Resistive
	Light Transmission	80 ± 2%
	Durability	1 million times
Environment	Operating Temperature	0 ~ 50° C
	Storage Temperature	-20 ~ 60° C
	Humidity	5 ~ 95% @ 40° C, non-condensing

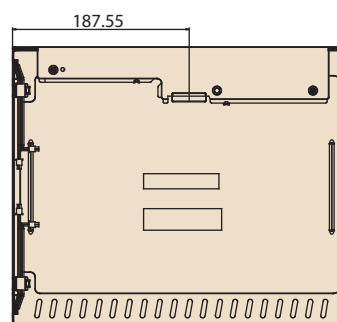
Dimensions

Unit: mm

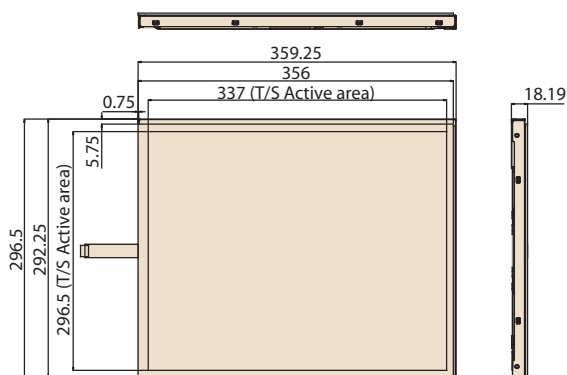
IDK-2117N Series



Back Side



IDK-2117R Series



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-2117N-K2SXA1E	17"	1200	LVDS	N/A	N/A
IDK-2117R-K2SXA1E	17"	1200	LVDS	5-Wire Resistive	RS-232/USB

IDK Naming Rule

