

# New IDK-1115R

## 15" XGA Industrial Display kit with Touch Solution



NEW



### Features

- 15" LCD supports 1024 x 768 pixels and wide operating temperature (-20 ~ 70° C)
- Brightness of 500 cd/m<sup>2</sup> with LED backlight
- 5-wire resistive touch solution
- High contrast ratio of 2500:1
- Wide view angle of 176°/176°
- LVDS signal interface
- Low power consumption 12.8 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (optional)
- Optical bonding (optional)

### Introduction

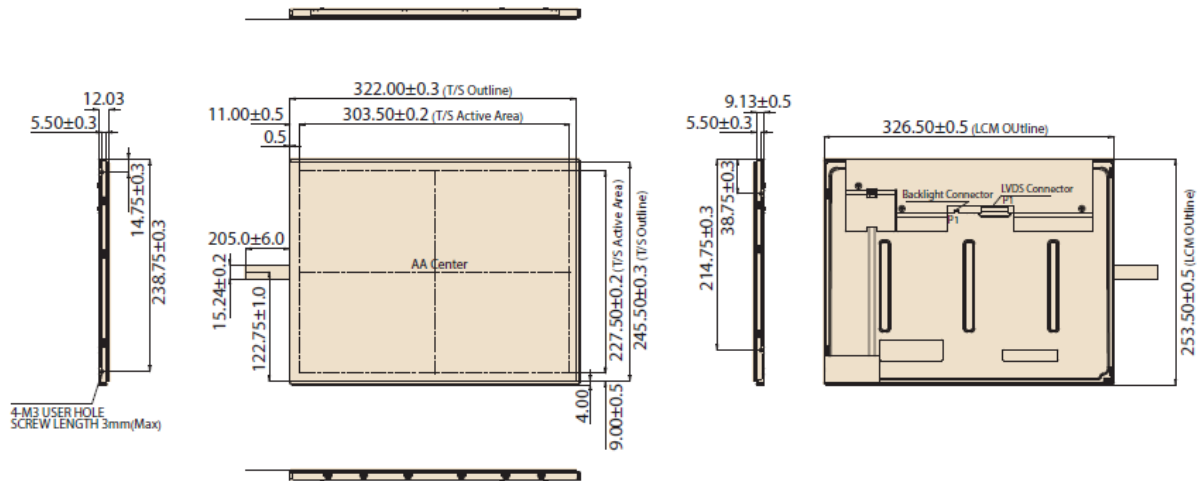
The Advantech IDK-1115R series comes with a 15" industrial grade LCD display with 5-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti Reflection surface treatment and optical bonding solution. IDK-1115R series supports 5-wire resistive touch with low power consumption at the maximum of 12.8W. IDK-1115R series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

### Specifications

LCD Panel	Display Size	15", 4:3
	Resolution	1024 x 768
	Display mode	Normally Black
	Viewing Angle (U/D/L/R)	88° / 88° / 88° / 88°
	Brightness	500 cd/m <sup>2</sup>
	Backlight Life (hrs)	70,000hrs
	Contrast Ratio	2500:1
	Response Time (ms)	23 ms
	Colors	6 Bit (262K) / 8Bit (16.7 M)
	Voltage	3.3 V Power
	Consumption	12.8 W
	Signal Interface	1 channel LVDS
	Weight	960 g
	Dimensions (W x H x D)	326.5 x 253.5 x 9.1 mm
Touch Screen	Touch Screen	5-wire Resistive
	Transparency	80± 3%
	Surface Hardness	3H
	Durability	10 million times
Environment	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-25 ~ 80° C
	Humidity	10~ 90% @ 39° C., non-condensing

## Dimensions

Unit: mm



Note: Tolerances unless marked are ±0.5mm

## Ordering Information

Part No.	Size	LCD Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-1115R-50XGA1	15"	500	LVDS	5-wire Resistive	RS-232/USB

## Packing List

Part Number	Description
ETM-RES04C-EEH4EE	1 x 5-wire Touch controller
1700020324-01	1x USB Touch cable 5P-2.0/USB-A (M) 180CM

Note: Package contents are subject to change without prior notice

## Optional Order

SBC Part No.	LVDS Cable Part No.	Display Interface	B/L Cable Part No	Touch Interface	Touch Power Input
MIO-5270	96CB-L2040PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V
PCM-9362	96CB-L2020PAD2	LVDS: Single channel 18bit (XGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V
AIMB-270	96CB-L2040PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0405PIB3 (12V: PWM)	USB	5 V