

IDK-1115P

15" XGA Industrial Display kit with PCT Touch Solution



Features

- 15" LCD supports 1024 x 768 pixels and wide operating temperature (-20 ~ 70° C)
- Brightness of 500 cd/m² with LED backlight
- Projected Capacitive touch solution
- High contrast ratio of 2500:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 12.8 W (panel only)
- Touch controller included (USB)
- Anti Reflector surface treatment (optional)
- Optical bonding (optional)

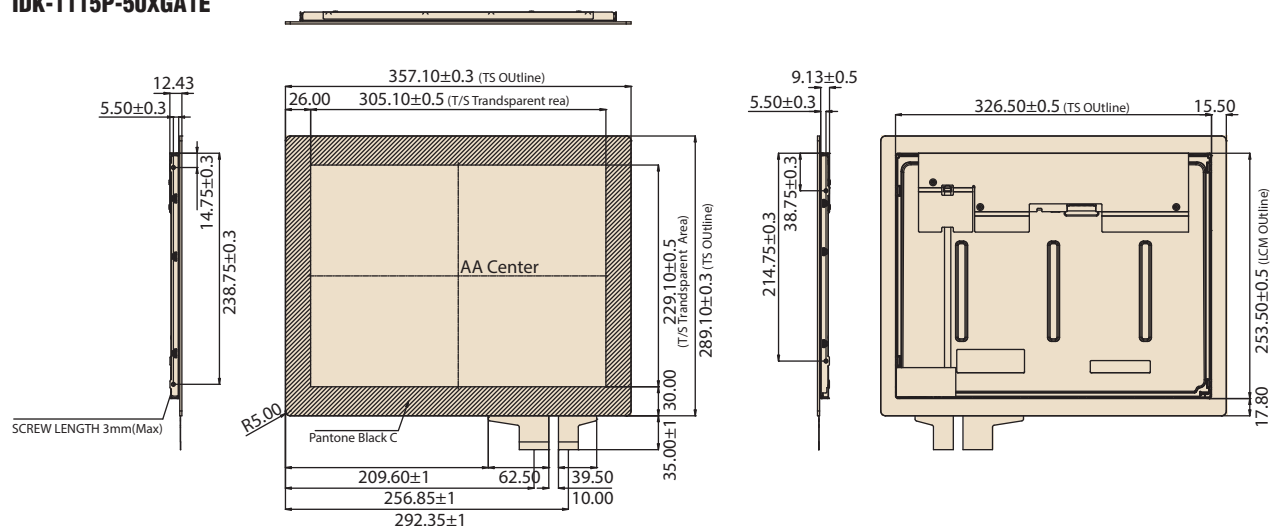
Introduction

The Advantech IDK-1115P series comes with a 15" industrial grade LCD display with Projected Capacitive touch. IDK-1115P series supports Projected Capacitive touch with low power consumption. IDK-1115P series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	15", 4:3 panel
	Resolution	1024 x 768
	Viewing Angle (U/D/L/R)	88° / 88° / 88° / 88°
	Brightness	500 cd/m ²
	Backlight Life (hrs)	50,000hrs
	Contrast Ratio	2500 : 1
	Response Time (ms)	23 ms
	Colors	6 Bit (262 K) / 8 Bit (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 Type	Projected Capacitive
	Transparency	90 ± 3%
	Interface	USB
	Surface Treatment	Clear
	Black Print	Yes
Environment	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-30 ~ 80° C

IDK-1115P-50XGA1E



Note: Tolerances unless marked are $\pm 0.5\text{mm}$

BOTTOM

FRONT

BACK

TOP

Part No.	Size	LCD Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1115P-50XGA1E	15"	500	LVDS	Projected Capacitive Touch	USB

IDK-1115P-50XGA1E

Part Number	Description
968AA00091	1 x Projected Capacitive Touch controller
1700022017-01	1 x USB Touch cable

SBC Part No.	LVDS cable P/N	Display interface	B/L cable P/N	Touch interface	Touch power input
MIO-5270	96CB-L2040PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3 (12V: PWM)	USB	5 V
PCM-9362	96CB-L2020PCG2	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3 (12V: PWM)	USB	5 V
AIMB-270	96CB-L2040PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3 (12V: PWM)	USB	5 V

For more compatible embedded board solution, please visit our Build Your display web page as bellow
<http://www.advantech.com/buildyourdisplay>