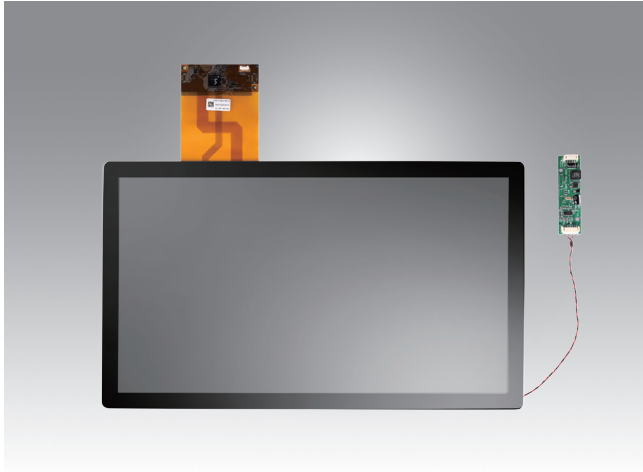


IDK-1121WP

21.5" FHD Industrial Display kit with PCT Touch Solution



Features

- 21.5" IPS LCD supports 1920 x 1080 pixels
- Brightness of 250 cd/m² with LED backlight
- Projected Capacitive touch solution
- High contrast ratio of 1000:1
- Wide view angle of 178°/178°
- LVDS signal interface
- Low power consumption 11.05 W (panel only)
- Touch controller included (USB)
- Anti Reflector surface treatment (optional)
- Optical bonding (optional)

Introduction

The Advantech IDK-1121WP series comes with a 21.5" industrial grade IPS LCD display with Projected Capacitive touch. IDK-1121WP series supports Projected Capacitive touch with low power consumption. IDK-1121WP series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

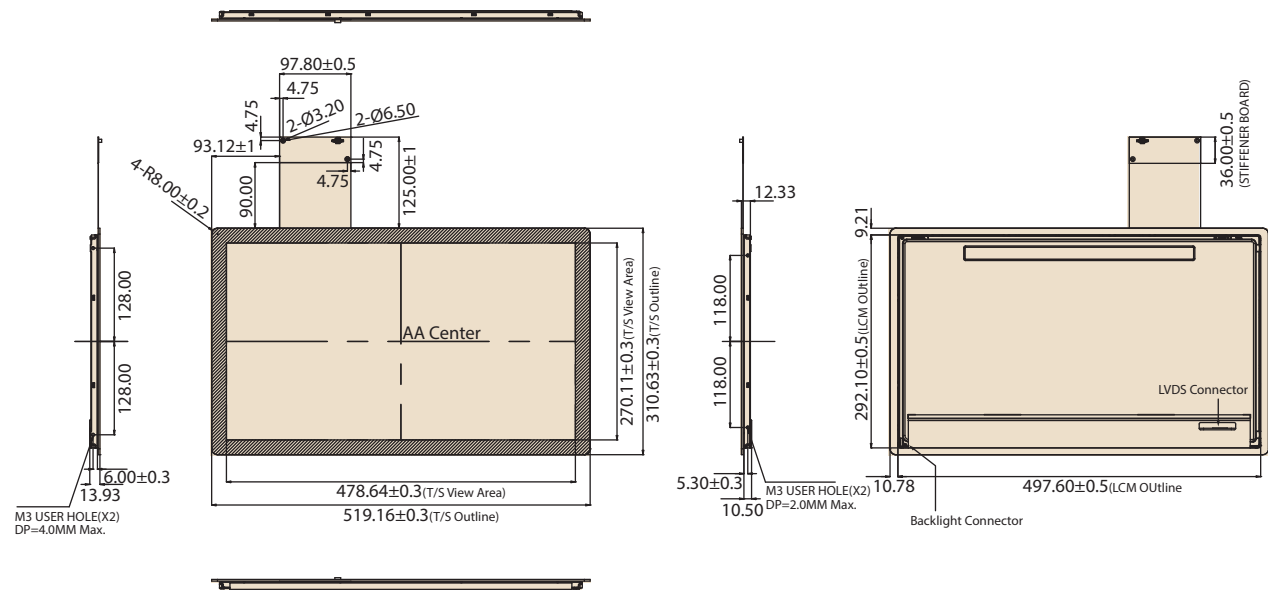
Specifications

LCD Panel	Display Size	21.5", 16:9
	Resolution	1920 x 1080
	Viewing Angle (U/D/L/R)	178° / 178°
	Brightness	250 cd/m ²
	Backlight Life (hrs)	30,000 min
	Contrast Ratio	1000 : 1
	Response Time	14 ms
	Colors	16.7M (6bit + FRC)
	LCD Input Voltage	5 V
	Consumption	11.05 W
	Signal Interface	2 channel LVDS
	Weight	1685 g
	Dimensions (W x H x D)	497.6 x 292.2 x 10.5 mm
Touch Screen	Touch Type	Projected Capacitive
	Transparency	87 ± 2%
	Interface	USB
	Surface Treatment	Clear
	Black Print	Yes
Environment	Operating Temperature	0 ~ 50° C
	Storage Temperature	-20 ~ 60° C

Dimensions

Unit: mm

IDK-1121WP-25FHA1E



Note: Tolerances unless marked are ±0.5mm

Ordering Information

Part No.	Size	LCD Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1121WP-25FHA1E	21.5"	250	2 Channel LVDS	Projected Capacitive Touch	USB

Packing List

Part Number	Description
968AD00054	1 x LED driver board (Dimension : 100 x 26 x 9.6 mm)
1700022921-01	1 x 30cm backlight cable
1700028184-01	1 x USB Touch cable

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 (FHD)	TBD	USB	5 V
AIMB-270	96CB-L3040PAF5	Dual channel 24bit LVDS (FHD)	TBD	USB	5 V

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