

IDK-1110WP

10.1" WXGA Industrial Display Kit with Touch Solution

NEW



Features

- 10.1" 1280 x 800 pixels LCD (Normally Black)
- Wide view angle
- Wide operating temperature
- High brightness of 500 cd/m²
- Build in LED driver
- Projected capacitive touch
- COF touch controller (USB)
- Anti-Reflector surface treatment (Customized request)
- Optical bonding (Customized request)

Introduction

The Advantech IDK-1110WP series comes with a 10.1" industrial grade LCD display and project capacitive 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-1110WP series has low power consumption at the typical of 4.65 ~ 6.18 W. IDK-1110WP series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

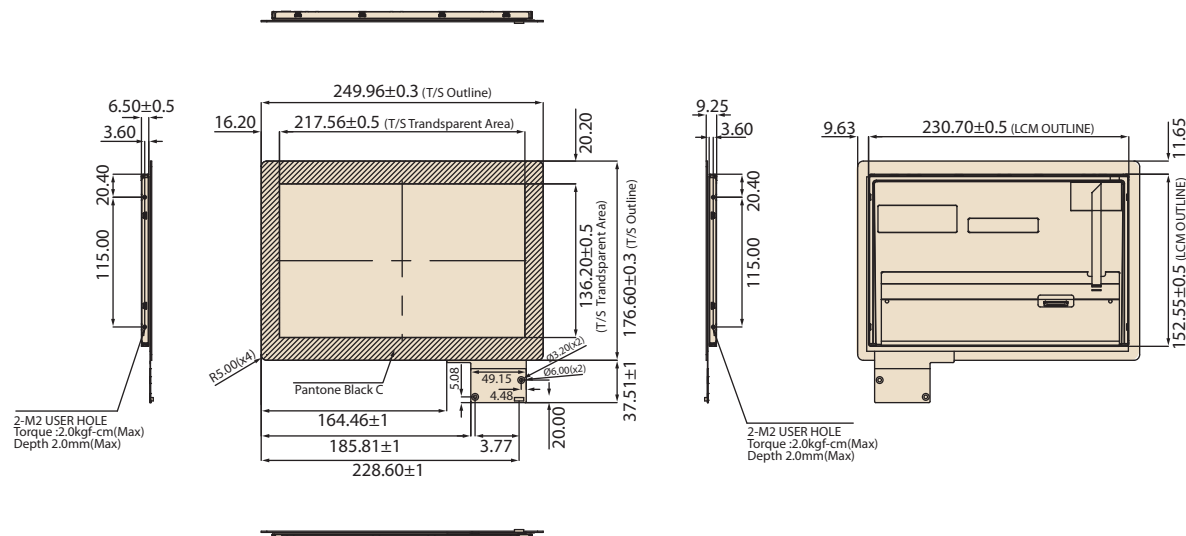
Specifications

Model		IDK-1110WP-50XGB2	IDK-1110WP-50WXC1
LCD Panel	Display Size	10.1", 16:10	10.1", 16:10
	Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)
	Viewing Angle (U/D/L/R)	88°/88°/88°/88°	80°/80°/80°/80°
	Brightness	500 cd/m ²	500 cd/m ²
	Backlight Life (hrs)	50,000	30,000
	Contrast Ratio	800:1	1000:1
	Response Time	25 ms	25 ms
	Colors	6 bit (262K)/8 bit (16.2 M)	8 bit(16.7M)
	Voltage	5 V	3.3V
	Consumption	6 W	4.65W
	Signal Interface	LVDS	LVDS
	Weight	300 g	227 g
	Dimensions (W x H x D)	230.7 x 152.55 x 6.5 mm	229.312 x 148.96 x 4.6 mm
Touchscreen	Touch Screen	Projected capacitive	Projected Capacitive
	Transparency	90 ± 3%	≥86%
	Interface	USB	USB
	Surface Treatment	Clear	Clear
	Surface Hardness	5H	6H
Environment	Operating Temperature	-30 ~ 80 °C (Panel Surface temperature)	-20 ~ 70 °C
	Storage Temperature	-30 ~ 85 °C	-30 ~ 80 °C

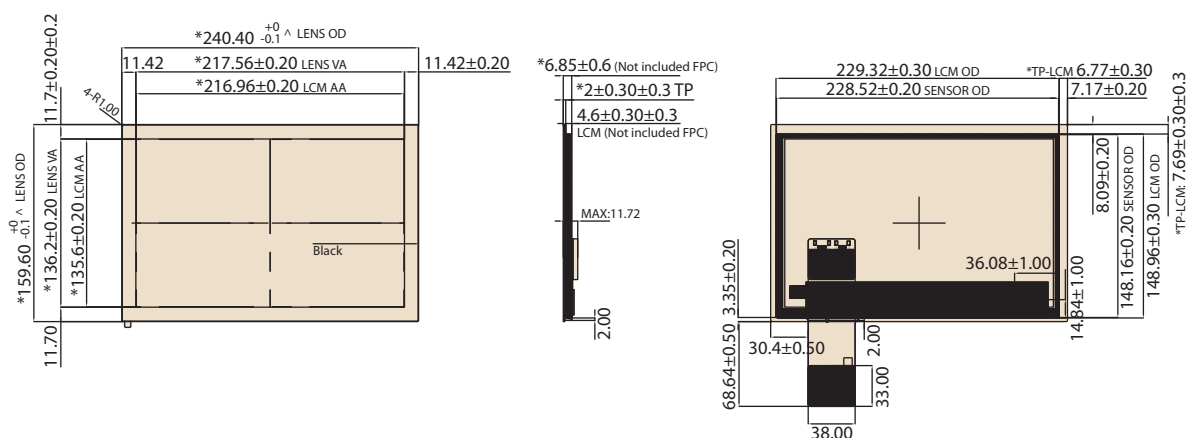
Dimensions

Unit: mm

IDK-1110WP-50XGB2



IDK-1110WP-50WXC1

Note: Tolerances unless marked are ± 0.5 mm

Ordering Information

Part No.	Size	LCD Panel Brightness (cd/m ²)	Interface	Touch Screen	Touch Interface
IDK-1110WP-50XGB2	10.1"	500	LVDS	Projected Capacitive	USB
IDK-1110WP-50WXC1	10.1"	500	LVDS	Projected Capacitive	USB

Packing List

Part Number	Description
1700027288-01	1 x USB cable 180cm

Note: Package contents are subject to change without prior notice

Optional Order

SBC Part No.	LVDS/BL cable P/N	Display interface	Color depth	Touch interface	Touch power input
MIO-5272	1700034678-01	LVDS	6bit	USB	5V
AIMB-217	1700034683-01	LVDS	8bit	USB	5V

Note: Package contents are subject to change without prior notice