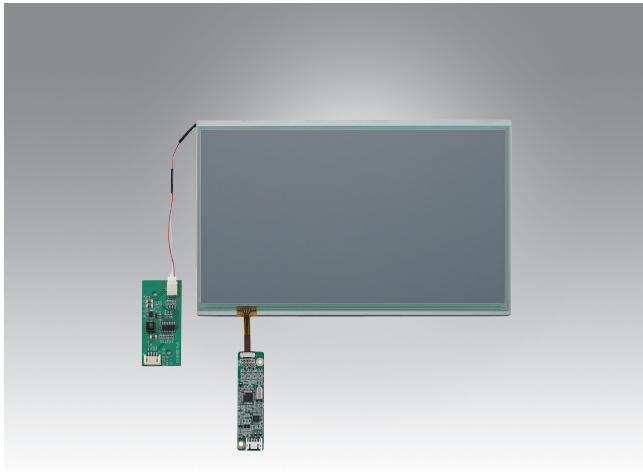


IDK-1110WR

10.1" WSVGA Industrial Display kit with Touch Solution



Features

- 10.1" LCD supports 1024 x 600 pixels and wide operating temperature (-5~ 60 °C)
- Brightness of 550 cd/m² with LED backlight
- 4-wire resistive touch solution
- High contrast ratio of 500:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 8.99 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (optional)
- Optical bonding (optional)

Introduction

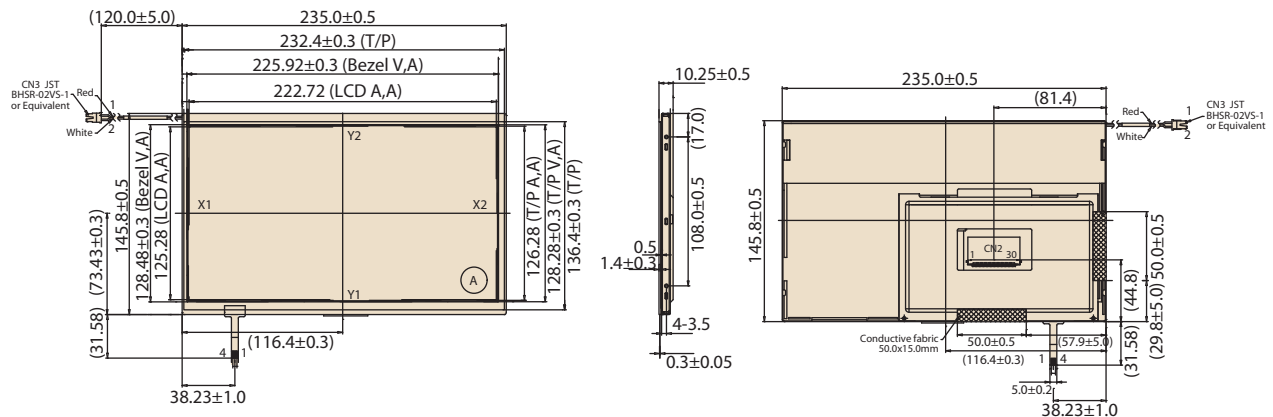
The Advantech IDK-1110WR series comes with a 10.1" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1110WR series supports 4-wire resistive touch with low power consumption at the maximum of 8.99 W. IDK-1110WR series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

Display	Display Size	10.1" LED backlight panel (WSVGA)
	Resolution	1024 x 600
	Viewing Angle (U/D/L/R)	70° / 50° / 70° / 70°
	Brightness	550 cd/m ²
	Backlight Life (hrs)	50,000hrs
	Contrast Ratio	500 : 1
	Response Time (ms)	25 ms
	Colors	6 Bit (262K)
	Voltage	3.3 V Power
	Consumption	8.99 W
	Signal Interface	1 channel LVDS
	Weight	420 g
	Dimensions (W x H x D)	235 x 145.8 x 10.25 mm
Touchscreen	Touch Screen	4-wire Resistive
	Transparency	82.5± 2.5%
	Surface Hardness	3H
	Durability	1 million times
Environment	Operating Temperature	-5 ~ 60 °C
	Storage Temperature	-20 ~ 70 °C
	Humidity	10 ~ 90% @ Max. 25 °C, non-condensing

Dimensions

Unit: mm



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1110WR-55WSA1E	10.1"	550	LVDS	4-wire Resistive	USB

Optional Order

SBC Part No.	LVDS Cable P/N	Display Interface	B/L Cable P/N	Touch Interface	Touch Power Input
MIO-5250	96CB-L3040PIE4	LVDS: Single channel 18bit	96CB-E0405PIF3	USB	5V
PCM-9693	96CB-L3020PIE2	LVDS: Single channel 18bit	96CB-E0405PIF3	USB	5V
AIMB-270	96CB-L3040PIE4	LVDS: Single channel 18bit	96CB-E0405PIF3	USB	5V

Packing List

Part Number	Description
ETM-RES05C-EH4EE	1 x 4-wire USB Touch controller
1700020324-01	1 x USB Touch cable 5P-2.0/USB-A (M) 180CM

Note: Package contents are subject to change without prior notice

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