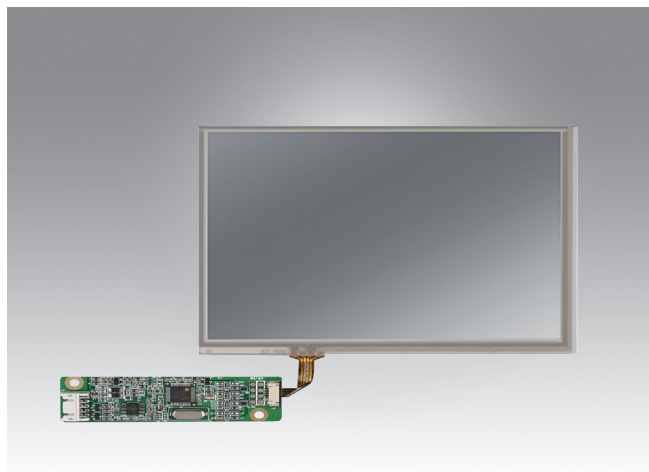


IDK-1110WR

10.1" WSVGA Industrial Display kit with Touch Solution



Features

- 10.1" LCD supports 1024 x 600 pixels and wide operating temperature (-20 ~ 70 °C)
- Brightness of 500 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 3.16 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (optional)
- Optical bonding (optional)

Introduction

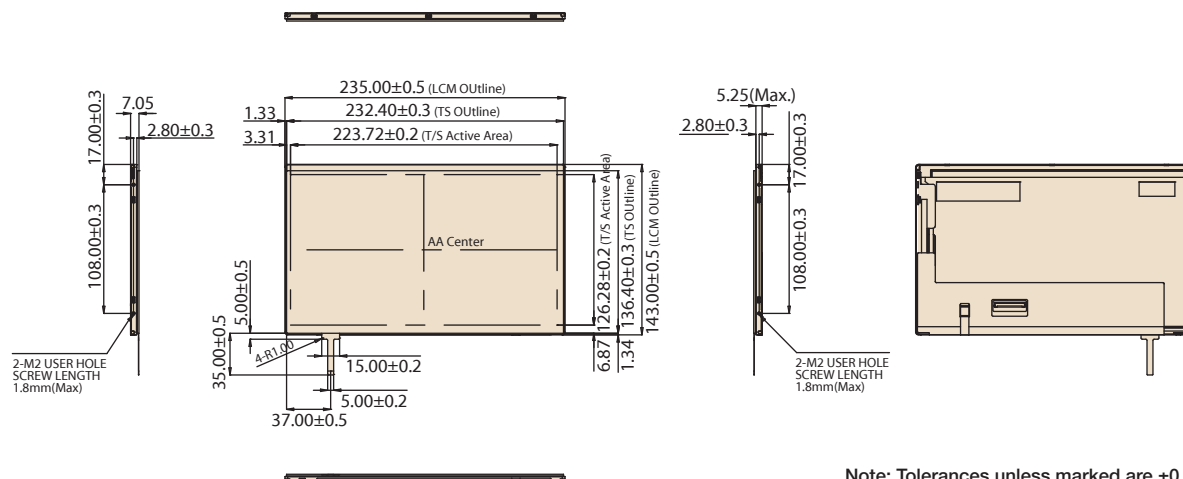
The Advantech IDK-1110WR series comes with a 10.1" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1110WR series supports 4-wire resistive touch with low power consumption at the 3.16W. IDK-1110WR series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

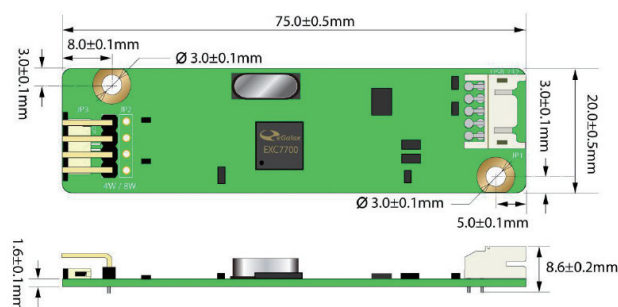
LCD Panel	Display Size	10.1", 16:9
	Resolution	1024 x 600
	Viewing Angle (U/D/L/R)	70° / 50° / 70° / 70°
	Brightness	500 cd/m ²
	Backlight Life	50,000hrs
	Contrast Ratio	500 : 1
	Response Time	20 ms
	Colors	262K/16.7M
	LCD Input Voltage / Current	3.3 V / 140mA
	Backlight Input Voltage / Current	12 V / 225mA
	Power Consumption	3.16 W
	Signal Interface	1 channel LVDS
	Weight	180 g
	Dimensions (W x H x D)	235 x 143 x 4.9 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



Touch Controller



Ordering Information

Part No.	Size	LCD Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1110WR-50WSA1	10.1"	500	LVDS	4-wire Resistive	USB

Optional Order

SBC Part No.	LVDS Cable P/N	Display Interface	Touch Interface	Touch Power Input
MIO-5250	96CB-L4045PBB4	LVDS: Single channel 18bit	USB	5V
PCM-9356	96CB-L4045PBB4	LVDS: Single channel 18bit	USB	5V
AIMB-270	96CB-L4045PBB4	LVDS: Single channel 18bit	USB	5V

Packing List

Part Number	Description
ETM-RES05C-EEH4EE	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>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[IDK-1110WR-50WSA1](#)