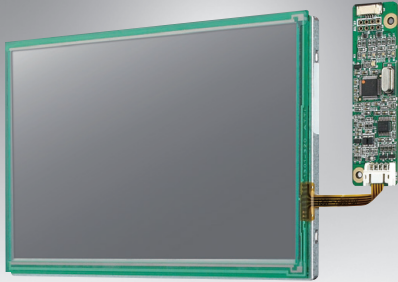


IDK-1106R-80VGA1

6.5" VGA Industrial Display kit with Touch Solution

NEW



Features

- 6.5" LCD supports 640 x 480 pixels and wide operating temperature (-5~ 60 °C)
- Brightness of 800 cd/m² with LED backlight
- 4-wire resistive touch solution
- High contrast ratio of 1000:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 2.4 W (panel only)
- LED driver board built in
- Touch controller included (USB)

Introduction

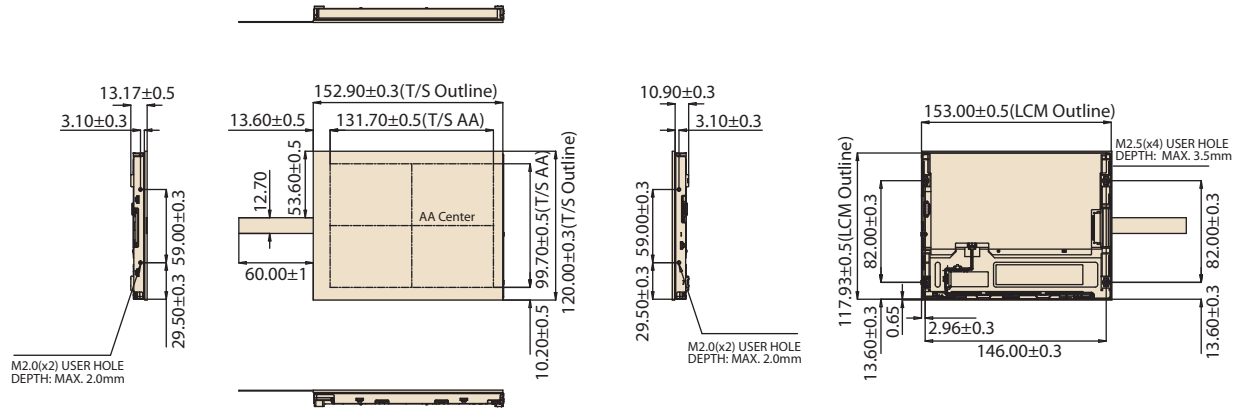
The Advantech IDK-1106R series comes with a 6.5" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1106R series supports 4-wire resistive touch with low power consumption at the maximum of 2.4 W. IDK-1106R series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	6.5" LED backlight panel (VGA)
	Resolution	640 x 480
	Display Mode	Normally Black (Full view)
	Viewing Angle (U/D/L/R)	89°/89°/89°/89°
	Brightness	800 cd/m ²
	Backlight Life (hrs)	70,000 hrs
	Contrast Ratio	1000 : 1
	Response Time (ms)	25 ms
	Colors	6 Bit (262K)/8 bit (16.7 M)
	Voltage	3.3 V Power
	Consumption	2.4 W
	Signal Interface	1 channel LVDS
	Weight	TBA
	Dimensions (W x H x D)	152.9 x 120 x 13.17 mm
Touch Screen	Touch Screen	4-wire Resistive
	Transparency	82.5± 2.5%
	Surface Hardness	3H
	Durability	1 million times
Environment	Operating Temperature	-10 ~ 60 °C
	Storage Temperature	-30 ~ 70 °C
	Humidity	10 ~ 90% @ Max. 38 °C, non-condensing

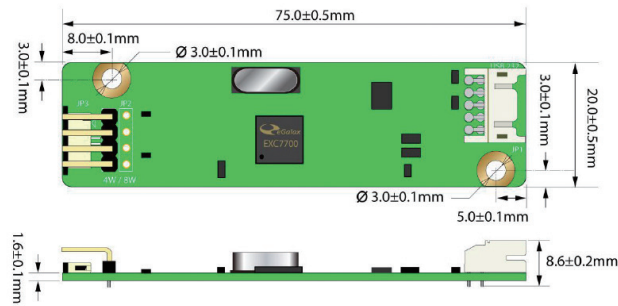
Dimensions

Unit: mm



Note: Tolerances unless marked are ±0.5mm

Touch Controller



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1106R-80VGA1	6.5"	800	LVDS	4-wire Resistive	USB

Packing List

Part Number	Description
9680002154	1 x 4-wire USB Touch controller
1700004131	A Cable 1 x 10P-2.0/USB-A(M) 180CM C=B
1700005912	A Cable 2 x 4P-2.54/1*4P-2.54 10CM

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 bellow
<http://www.advantech.com/buildyourdisplay>