

IDK-1110P

10.4" XGA Industrial Display kit with Touch Solution

NEW



Features

- 10.4" LCD supports 1024 x 768 pixels and wide operating temperature (-20 ~ 70° C)
- Brightness of 500 cd/m² with LED backlight
- Projected Capacitive touchscreen
- High contrast ratio of 1000:1
- High uniformity of 75%
- LVDS signal interface
- Low power consumption 10 W (panel only)
- LED driver board built in
- Touch controller included (USB/I²C/UART)
- Touch support up to 5 points
- Optical bonding (optional)

Introduction

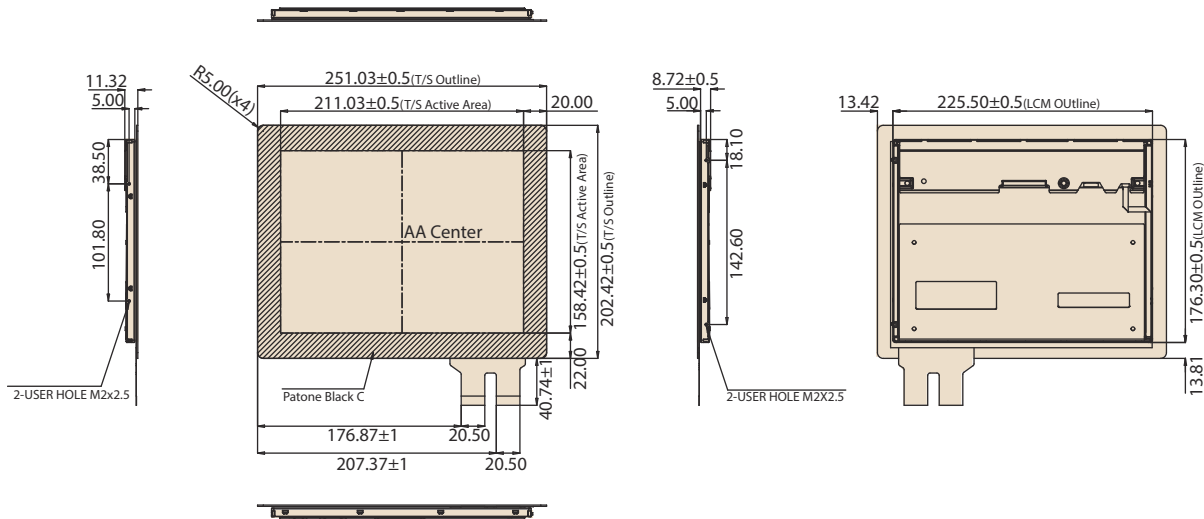
The Advantech IDK-1110P series comes with a 10.4" industrial grade LCD display with P-cap touch. The series is with touch with edge to edge design. IDK-1110P series supports P-cap touch with low power consumption at the maximum of 10 W. IDK-1110P series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

LCD Panel	Model	IDK-1110P
	Size	10.4" LED backlight panel
	Resolution	1024 x 768
	Viewing Angle (U/D/L/R)	88°/88°/88°/88°
	Brightness	500 cd/m ²
	Backlight Life (hrs)	50,000 hrs
	Contrast Ratio	1000:1
	Response Time (ms)	25 ms
	Colors	16.2 M 6-bits with FRC
	Voltage	3.3 V Power
	Consumption	10 W
	Signal Interface	1 channel LVDS
	Weight	500 g
	Dimensions (W x H x D)	251.03 x 202.42 x 11.32
Touch Screen	Touch Screen	Projective Capacitive Touch
	Transparency	90% ± 3%
	Surface Treatment	Clear
Environment	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-30 ~ 80° C
	Humidity	90% @ 39° C, non-condensing

Dimensions

Unit: mm



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1110P-50XGA1E	10.4"	500	LVDS	Projective Capacitive	USB

Packing List

Part Number	Description
9680016178	1 x Touch controller
1700022017-01	A cable USB 4P/1*4P-1.0 180cm

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-L3040PC14	Single channel 18bit LVDS (XGA)	96CB-E1005PCB3	USB	5V
PCM-9362	96CB-L3020PC12	Single channel 18bit LVDS (XGA)	96CB-E1005PCB3	USB	5V
AIMB-270	96CB-L3040PC14	Single channel 18bit LVDS (XGA)	96CB-E1005PCB3	USB	5V

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