

IDK-2107W

7" WSVGA 1,000 cd/m² Ultra High Brightness Industrial Display kit with Touch Solution



Features

- 7" LCD supports 1024 x 600 pixels and wide operating temperature (-20 ~ 70 °C)
- Brightness of 1000 cd/m² with LED backlight
- Projected Capacitive touch solution
- LVDS signal interface
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (Customized request)
- Optical bonding (Customized request)

Introduction

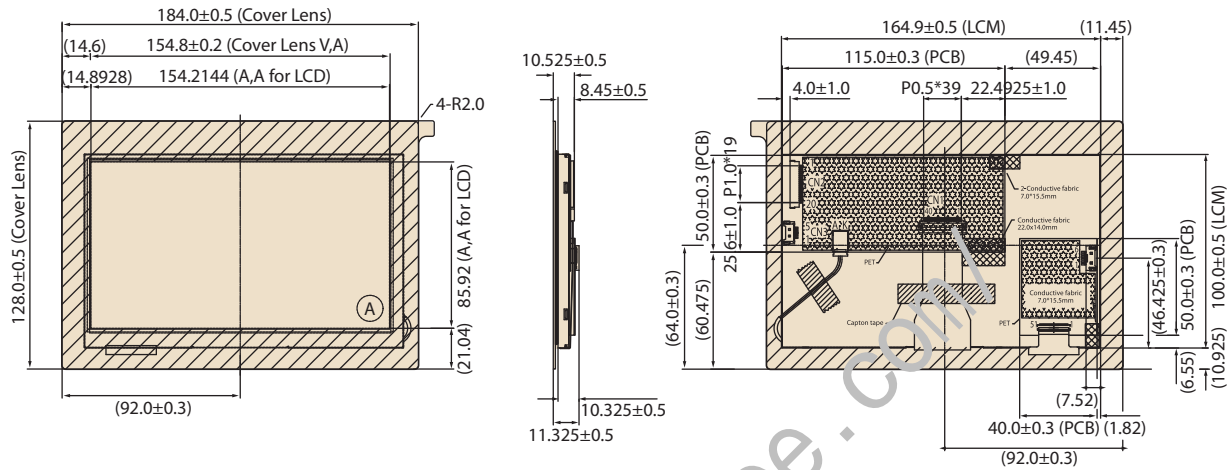
The Advantech IDK-2107W series comes with a 7" industrial grade LCD display with Projected Capacitive touch. It supports 1000 cd/m² high brightness with low power consumption and wide operating temperature, which provides superior sunlight readability and is perfect for applications whether in semi-outdoor or outdoor environments.

Specifications

Model	IDK-2107WP-1KWSA1	
LCD Panel	Display Size	7"
	Resolution	1024 x 600
	Display mode	Normally Black (IP-Based)
	Viewing Angle (U/D/L/R)	85° / 85° / 85° / 85°
	Brightness	1000 cd/m ²
	Backlight Life (hrs)	50,000
	Contrast Ratio	800:1
	Response Time (ms)	28 ms
	Colors	8 Bit (16.7 M)
	LCD Input Voltage	3.3 V
	Consumption	4.5W
	Signal Interface	1 channel LVDS
Touch Screen	Touch Screen	Projected Capacitive
	Transparency	85%
	Surface Treatment	Clear
	Black border	Yes
Environment	Operating Temperature	-20 ~ 70 °C (Surface temperature)
	Storage Temperature	-30 ~ 80 °C

Dimensions

Unit: mm



Ordering Information

Part No.	Size	Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-2107WP-1KWSA1	7"	1000	LDS	Projected Capacitive	USB

Optional Order

SBC Part No.	LVDS Cable P/N	Display Interface	B/L Cable P/N	Touch Interface	Touch Power Input
SOM-5899 (DB5830)	96CB-L2040PID5	LVL S. Single channel 18bit	96CB-E0505PAC3	USB	5V