

C-IDK1107WP50WS

7" WSVGA Intelligent Display kits

NEW



Features

- 7" LCD support 1024X600 resolution.
- Brightness of 500 nits with LED backlight.
- P-Cap Touch solution supports up to 4 points multi-touch.
- High contrast ration of 700:1.
- High uniformity of 85%.
- LVDS signal interface.
- Low power consumption 4.7w (panel only).
- Built in LED driver board.
- USB Touch Controller.

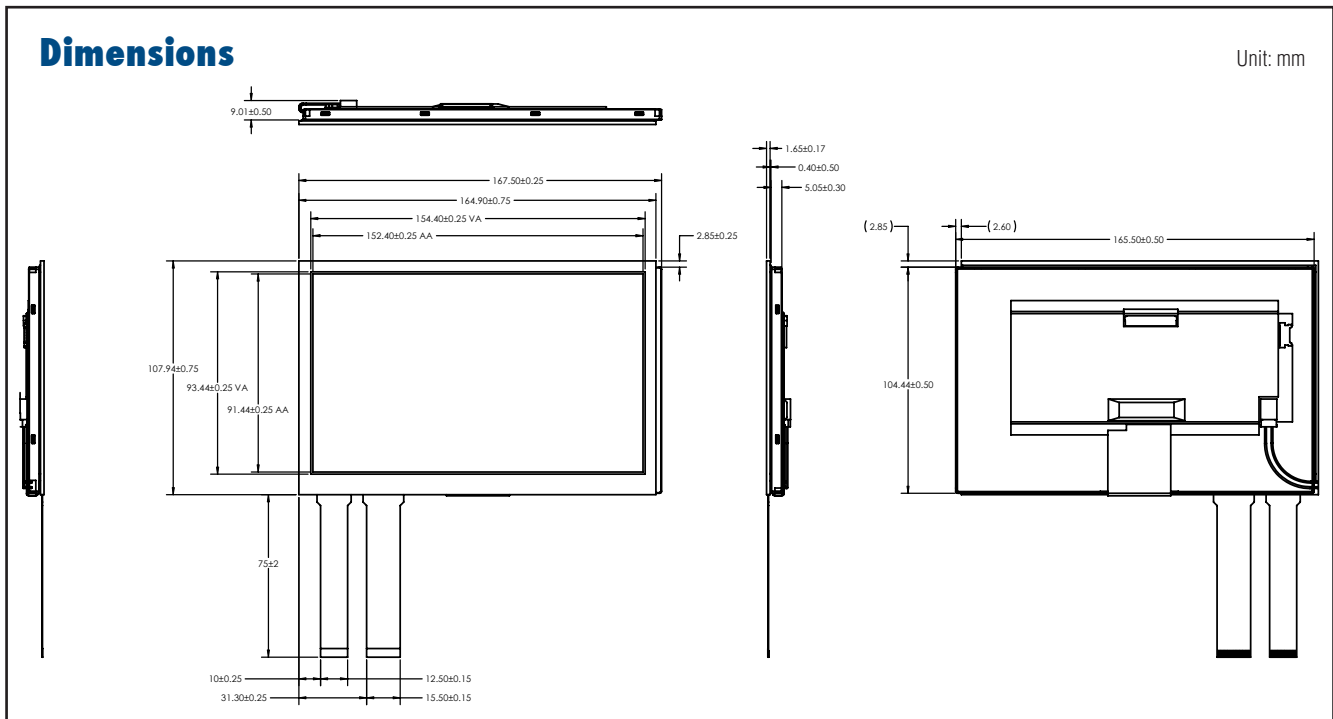
Introduction

The Advantech C-IDK1107WP50WS-01 comes with a 7" high resolution industrial grade LCD panel with Projected Capacitive Touch Sensor (P-Cap). The C-IDK1107WP50WS-01 supports up to 4 points multi- touch with low power consumption at approximate 5 w. The C-IDK1107WP50WS-01 is ideal for embedded applications that give customers maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	7" LED backlight Panel (WSVGA)
	Resolution	1024 x 600
	Viewing Angle (U/D/L/R)	75°/75°(H), 70° /75°(V)
	Brightness	500 (cd/m ²)
	Backlight Life (hrs)	50,000 (Hrs)
	Contrast Ratio	700:1
	Response Time (ms)	30 ms
	Colors Support	6 Bit (262K) / 8 Bit (16.2M)
	Voltage	3.3v Power
	Consumption	4.7W
	Signal Interface	1 channel LVDS
	Weight	139 g
	Dimensions (W x H x D)	165.5 x 104.4 x 7.4mm
Touch Screen	Touch Screen	Projected Capacitive Touch Sensor
	Transparency	90 %
	Surface Hardness	≥ 9H
Environment	Operating Temperature	LCD: (-20 – 70) Touch Screen: (-30 – 70) Controller Board: (-40 – 85)
	Storage Temperature	LCD: (-30 – 80) Touch Screen: (-40 – 70) Controller Board: (-40 – 90)

C-IDK1107WP50WS



Packing List

Part Number	Description
1700020324-01	1x USB Touch cable
96TSC-2KX2K-RUD01	Touch Controller

Note: Package contents are subject to change without prior notice

Ordering Information

Model Name	Description
C-IDK1107WP50WS-01	7.0" 1024X600 P-Cap Touch LCD

Optional Order for C-IDK1107WP50WS-01

SBC Part No:	LVDS cable	Backlight cable
MIO-5290	96CB-L2040PID4	96CB-E0505PAC3
AIMB-273	96CB-L2040PID4	96CB-E0505PAC3
PCM-9363	96CB-L2020PID2	96CB-E0505PAC3

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Product packing dimension: 250L x 100W x 200H (mm), 0.19 (kg)