

# C-IDK1107WP50WV

## 7" WVGA Intelligent Display Kits

NEW



### Features

- 7" LCD support 800X480 resolution.
- Brightness of 500 nits with LED backlight.
- P-Cap Touch solution supports 4 fingers.
- High contrast ration of 600:1.
- High uniformity of 85%.
- LVDS signal interface.
- Low power consumption 3.54w (panel only).
- Built in LED driver board.
- USB Touch Controller.

### Introduction

The Advantech C-IDK1107WP50WV-01 comes with a 7" industrial grade LCD panel with Projected Capacitive Touch Sensor (P-Cap). The C-IDK1107WP50WV-01 support 4-fingers touch with low power consumption at the maximum of 3.54w. The C-IDK1107WP50WV-01 is ideal for embedded applications that give customers maximum flexibility for mechanical design.

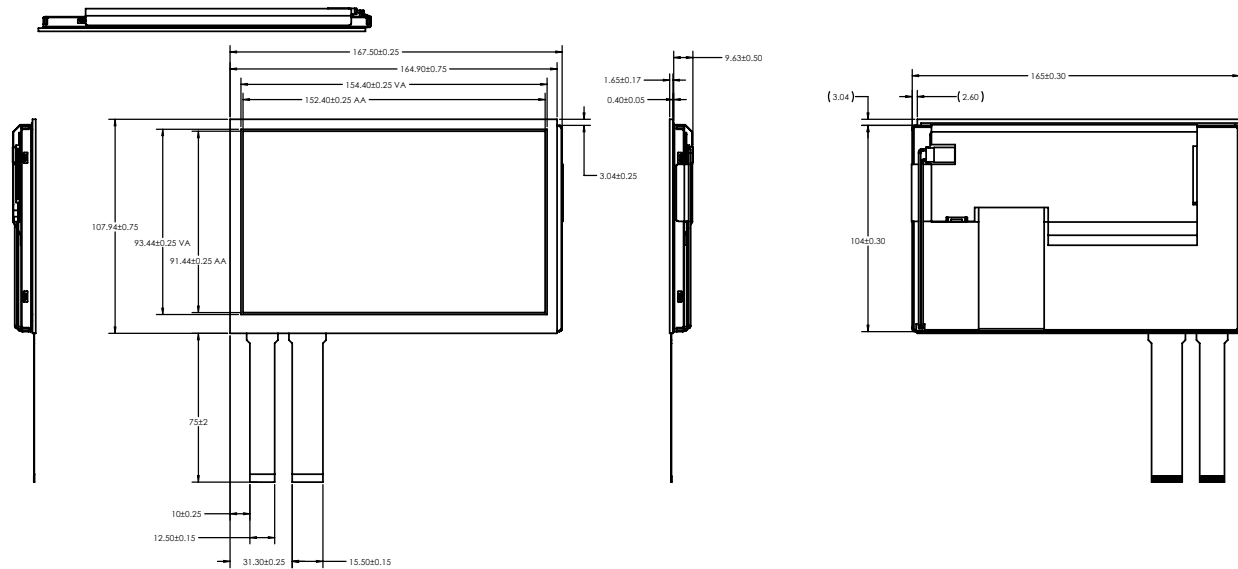
### Specifications

LCD Panel	Display Size	7" LED backlight Panel (WVGA)
	Resolution	800 x 480
	Viewing Angle (U/D/L/R)	70°/70°(H), 60° /60°(V)
	Brightness	500 (cd/m <sup>2</sup> )
	Backlight Life (hrs)	50,000 (Hrs)
	Contrast Ratio	600:1
	Response Time (ms)	16 ms
	Colors Support	6 Bit (262K) / 8 Bit (16.2M)
	Voltage	3.3v Power
	Consumption	3.54W
	Signal Interface	1 channel LVDS
	Weight	147 g
	Dimensions (W x H x D)	165 x 104 x 9.5 mm
Touch Screen	Touch Screen	Projected Capacitive Touch Sensor
	Transparency	90 %
	Surface Hardness	≥ 9H
Environment	Operating Temperature	LCD: (-30 – 85) Touch Screen: (-30 – 70) Controller Board: (-40 – 85)
	Storage Temperature	LCD: (-40 – 95) Touch Screen: (-40 – 70) Controller Board: (-40 – 90)

# C-IDK1107WP50WV

## Dimensions

Unit: mm



## 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-IDK1107WP50WV-01	7.0" 800X480 P-Cap Touch LCD

## Optional Order for C-IDK1107WP50WV-01

SBC Part No:	LVDS cable	Backlight cable
MIO-5250	96CB-L2040PCA4	96CB-E0405PCA3
AIMB-273	96CB-L2040PCA4	96CB-E0405PCA3
PCM-9363	96CB-L2020PCA2	96CB-E0405PCA3

## Product Contact Information:

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