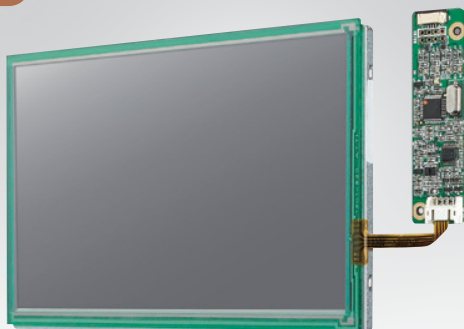


C-IDK1107WR

7.0" WVGA Intelligent Display kits

NEW



Features

- 7" LCD support 800X480 resolutions.
- Brightness of 400 nits with LED backlight.
- 4-wire resistive touch solution.
- High contrast ratio of 1000:1
- Wide Viewing Angle: 80/80/80/80.
- High uniformity of 80%
- LVDS signal interface.
- Low power consumption 3.7w (panel only)
- Built in LED driver board
- USB Touch Controller.

Introduction

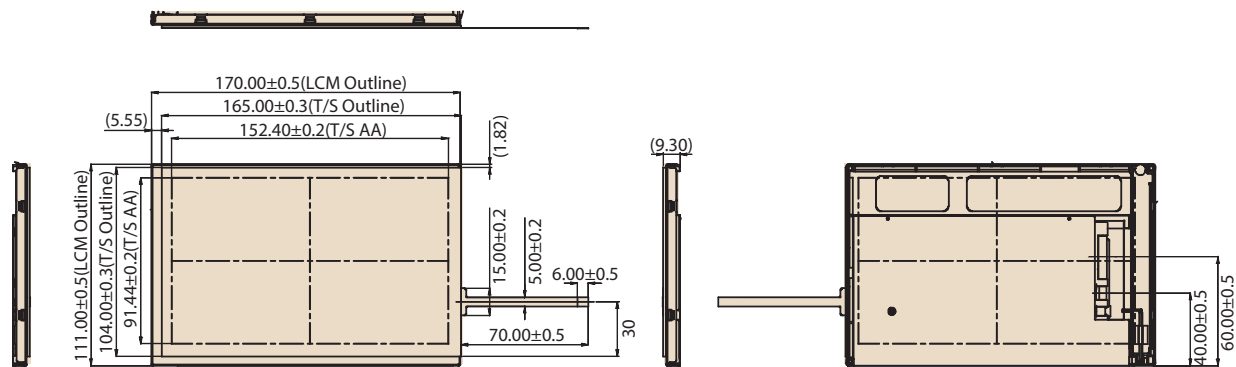
The Advantech C-IDK1107WR series come with a 7" industrial grade LCD panel with 4-wire resistive touch. C-IDK1107WR has low power consumption (< 4 W typical), high contrast ratio (1000:1), high screen brightness (400 nits), wide operating temp (-20 to 70 C) and good product longevity support (3 years). C-IDK1107WR series is ideal for embedded applications that give customers maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	7" LED backlight Panel (WSVGA)
	Resolution	800 x 480
	Viewing Angle (U/D/L/R)	80°/80°(H), 80° /80°(V)
	Brightness	400 (cd/m²)
	Backlight Life (hrs)	50,000 (Hrs)
	Contrast Ratio	1000:1
	Response Time (ms)	30 ms
	Colors Support	6 Bit (262K) / 8 Bit (16.2M)
	Voltage	3.3v Power
	Consumption	3.7W (Typical)
	Signal Interface	1 channel LVDS
	Weight	305 g
	Dimensions (W x H x D)	170 x 111 x 7.5 mm
Touch Screen	Touch Screen	4-wire resistive
	Transparency	82%
	Surface Hardness	3H
Environment	Operating Temperature	LCD: (-30 – 85)
		Touch Screen: (-20 – 70)
		Controller Board: (-25 – 85)
	Storage Temperature	LCD: (-30 – 85)
		Touch Screen: (-40 – 80)
		Controller Board: (-25 – 85)

Dimensions

Unit: mm



Packing List

Part Number	Description
1700020324-01	1x USB Touch cable
ETM-RES05C-EEH4EE	Touch Controller

Note: Package contents are subject to change without prior notice

Ordering Information

Model Name	Description
C-IDK1107WR40WV-01	7" 800X480 Resistive Touch LCD

Optional Order for C-IDK110WP30WX-01

SBC Part No:	LVDS cable	Backlight cable
MIO-5290	96CB-L2040PAB4	96CB-E0405PAB3
AIMB-274	96CB-L2040PAB4	96CB-E0405PAB3
MIO-2263	96CB-L2014PABA	96CB-E0405PABA

Product Contact Information:

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Irvine, CA. 92618

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www.Advantech.com

Email: ecginfo@advantech.com

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[C-IDK1107WR40WV-01](#)