IDK-1110WP

10.1" WXGA Industrial Display Kit with Touch Solution



Features

- 10.1" 1280 x 800 pixels LCD (Normally Black)
- Wide view angle: 85°/85°/85°/85°
- Wide operating temperature
- High brightness of 500 cd/m²
- Build in LED driver
- Projected capacitive touch
- COF touch controller (USB)
- Anti-Reflector surface treatment (Cutomized request)
- Optical bonding (Cutomized request)

Introduction

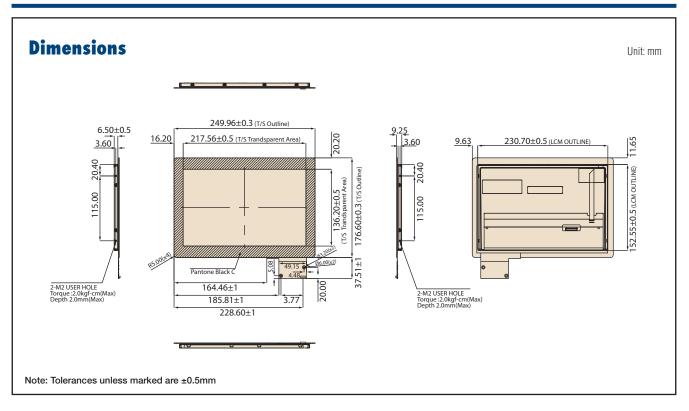
The Advantech IDK-1110WP series comes with a 10.1" industrial grade LCD display and project capacitive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-1110WP series has low power consumption at the typical of 6.18 W. IDK-1110WP series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

RoHS

Specifications

Ibisplay Size 10.1*, 16:10 Resolution 1280 x 800 (WXGA) Viewing Angle (U/D/L/R) 88*/88*/88* Brightness 500 cd/m² Brightness 500 cd/m² Contrast Ratio 800:1 Contrast Ratio 800:1 Contrast Ratio 800:1 Contrast Ratio 800:1 Colors 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 Wit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 Wit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 20.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Tansparency 90 ± 3% Surface Treatment Clear Surface Treatment Clear Surface Treatment Clear Surface Hardness Mohs 5H Environment Operating Temperature -30 ~ 80 ° C	-		
Viewing Angle (U/D/L/R) 88°/88°/88° Brightness 500 cd/m² Backlight Life 50,000hrs Contrast Ratio 800:1 Contrast Ratio 60:1 Colors 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Surface Treatment Clear Surface Hardness Mohs 5H Environment Operating Temperature		Display Size	10.1", 16:10
Brightness 500 cd/m² Backlight Life 50,000hrs Contrast Ratio 800:1 Contrast Ratio 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Treatment Clear Fuvirronment Operating Temperature Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Resolution	1280 x 800 (WXGA)
Backlight Life 50,000hrs Contrast Ratio 800:1 LCD Panel Response Time 25 ms Colors 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Su		Viewing Angle (U/D/L/R)	88°/88°/88°
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LCD Panel Response Time 25 ms Colors 6 bit (262K)/8 bit (16.2 M) Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Poperating Temperature -30 ~ 80 °C (Panel Surface temperature)		Backlight Life	50,000hrs
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Voltage 5 V Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Operating Temperature -30 ~ 80 °C (Panel Surface temperature)	LCD Panel	Response Time	25 ms
Consumption 6 W Signal Interface LVDS Weight 300 g Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Colors	6 bit (262K)/8 bit (16.2 M)
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Dimensions (W x H x D) 230.7 x 152.55 x 6.5 mm Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Signal Interface	LVDS
Touch Screen Projected capacitive Transparency 90 ± 3% Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Weight	300 g
Transparency 90 ± 3% Touchscreen Interface USB Surface Treatment Clear Surface Hardness Mohs 5H Environment Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Dimensions (W x H x D)	230.7 x 152.55 x 6.5 mm
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Surface Treatment Clear Surface Hardness Mohs 5H Derating Temperature -30 ~ 80 °C (Panel Surface temperature)		Transparency	90 ± 3%
Surface Hardness Mohs 5H Environment Operating Temperature -30 ~ 80 °C (Panel Surface temperature)	Touchscreen	Interface	USB
Environment Operating Temperature -30 ~ 80 °C (Panel Surface temperature)		Surface Treatment	Clear
Environment		Surface Hardness	Mohs 5H
Storage Temperature -30 ~ 85 °C	Environmont	Operating Temperature	-30 ~ 80 °C (Panel Surface temperature)
	EIIVII UIIIIIEIIL	Storage Temperature	-30 ~ 85 °C

IDK-1110WP



Ordering Information

Part No.	Size	LCD Panel Brightness (cd/m²)	Interface	Touch Screen	Touch Interface
IDK-1110WP-50XGB2	10.1"	500	LVDS	Project capacitive	USB

Packing List

Part Number		Description			
	1700027288-01	1 x USB cable 180cm			
I	Note: Package contents are subject to change without prior notice				

Optional Order

SBC Part No.	LVDS/BL cable P/N	Display interface	Color depth	Touch interface	Touch power input
MIO-5272	1700034678-01	LVDS	6bit	USB	5V
AIMB-217	1700034683-01	LVDS	8bit	USB	5V

Note: Package contents are subject to change without prior notice