

# IDS-3110

## 10.4" Industrial Open Frame Monitor

**NEW**



### Features

- 10.4" LCD panel with LED backlight for 20% power saving and environmental protection
- -20° C ~ +60° C wide range operating temperature
- 5-wire resistive touchscreen solution / Projected capacitive touch as options
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI, optional with HDMI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor application (optional)

### Introduction

The Advantech IDS-3110 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

### Specifications

	Model	IDS-3110	IDS-3110E	IDS-3110 XGA
Display	Size	10.4" LED panel	10.4" LED panel	10.4" LED panel
	Resolution	800 x 600 (SVGA)	800 x 600 (SVGA)	1024 x 768 (XGA)
	Viewing Angle	80°/80° (H), 60°/80° (V)	80° /80° (H), 60° /70° (V)	88° /88° (H), 88° /88° (V)
	Brightness	400 (cd/m <sup>2</sup> )	230 (cd/m <sup>2</sup> )	500 (cd/m <sup>2</sup> )
	Color Support	16.2M / 262K colors	16.2M / 262K colors	16.2M colors
	Contrast Ratio	700:1	500:1	1000:1
	Response Time	30 [msec]	35 [msec]	25 [msec]
	Backlight Life (hrs)	50,000 hrs	30,000 hrs	50,000 hrs
Touchscreen	Touchscreen Type	5-Wire Resistive Touchscreen	5-Wire Resistive Touchscreen	5-Wire Resistive Touchscreen / Projected Capacitive touch
	Surface Hardness	3H	3H	3H / Mohs 5
	Durability	36 million touches	36 million touches	36 million touches / No limited
	Transparency	81%±3%	81%±3%	81%±3% / 90%±3%
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	0~ 45° C (32 ~ 113° F)	-20 ~ 60° C (-4 ~ 140° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)	-30 ~ 70° C (-22 ~ 158° F)
	Humidity	95% @ 40° C, non-condensing		
	Vibration	5-500Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis		
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Settings, Color Temp, Language OSD Settings, VGA/ DVI , Recall , Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, and Language	
	Power Consumption	6.68W(R)	5.1W(R) 4.6W(N)	11.8W(R) 11.47W(P) 11.3W(N)
	EMC Certified	6.18W(N)		
	Package Dimension	420 x 333 x 173 mm		
	Net Weight	1.6kg	1.6kg	1.2kg
	Gross Weight	2.9kg	2.9kg	2.5kg

