IDS-3110

10.4" Industrial Open Frame Monitor

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/m² for outdoor application (optional)

Vertrieb durch AMC
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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

Display	Model	IDS-3110	IDS-3110E	IDS-3110 XGA
	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/m²)	230 (cd/m²)	500 (cd/m²)
	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, 0.026G²/Hz, 2.16Grms, X, Y, Z 1 hour per axis		
System	I/O	VGA x 1; DVI-D x 1; 12 V_{DC} 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_{DC} Jack x 1; USB x 1; RS-232 x 1	VGA x 1; DVI-D x 1; 12 V_{DC} 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 Certificated	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

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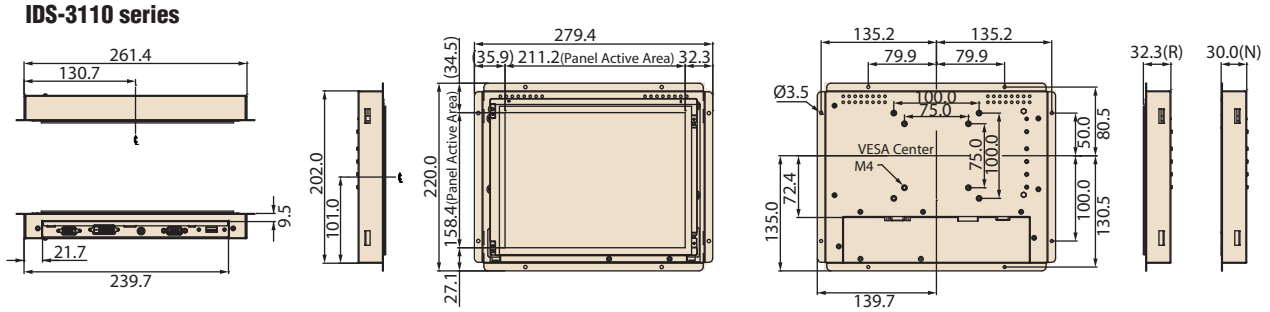
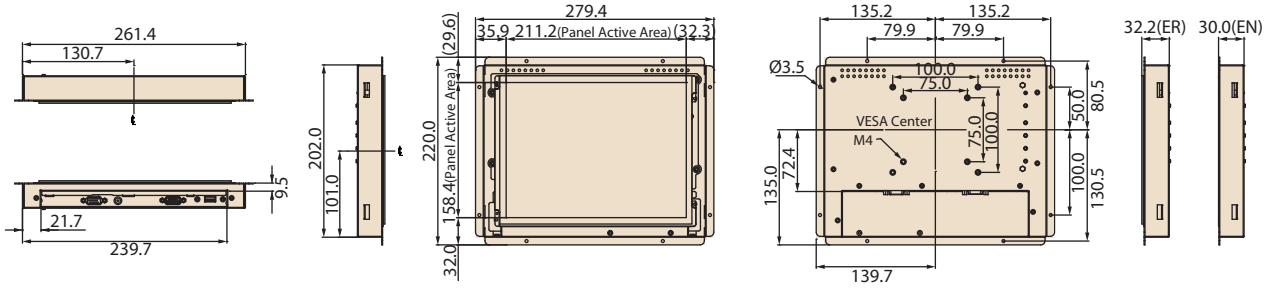
Dimensions

Unit: mm

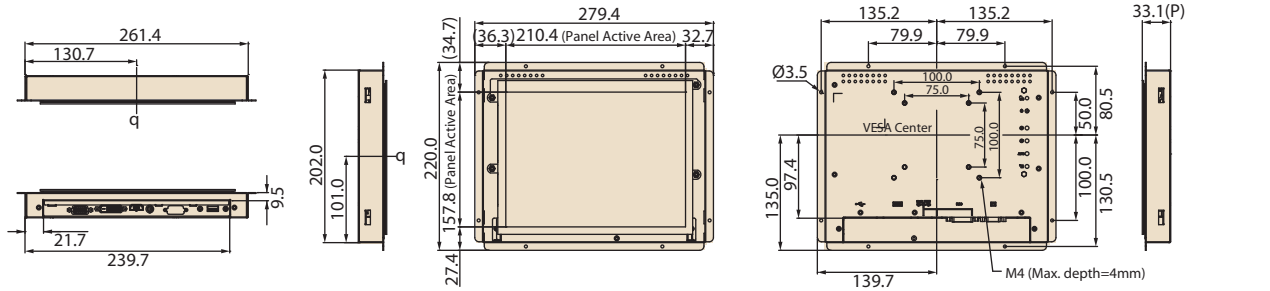
IDS-3110 series

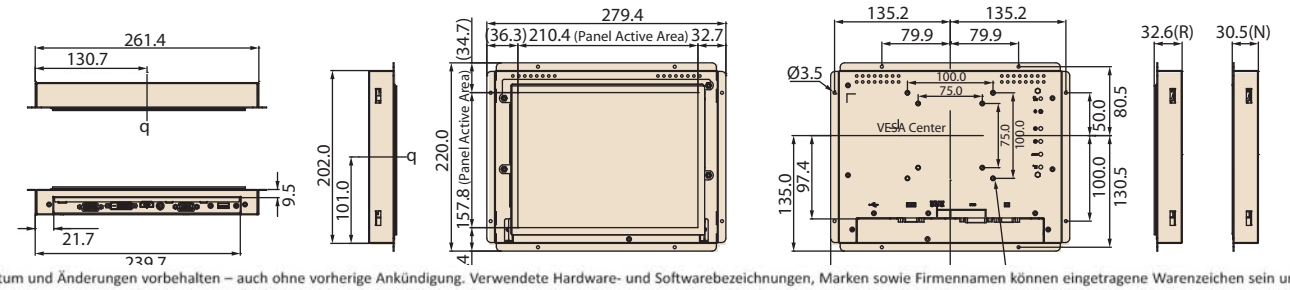


IDS-3110E series



IDS-3110 XGA series





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Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180 cm
1700021332-11	1 x VGA cable 15P(M) 180 cm
1962055040	4 x clamper
1935042520	4 x clamper screws M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

* USB Cable is only included in IDS-3110R and IDS-3110ER series.
Note: Package contents are subject to change without prior notice

Optional Items

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
1700008921	3-pin power cord with PSE (Japan)
96PSA-A36W12R1	Adapter 100-240V 36W 12V 3A
1700000243-11	M cable DVI 19P(M)/DVI 19P(M) 191cm
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

Ordering Information

Model Name	Description
IDS-3110N-40SVA1E	10.4" SVGA 400 cd/m² LED Open Frame Monitor
IDS-3110R-40SVA1E	10.4" SVGA 400 cd/m² LED Open Frame Touch Monitor
IDS-3110EN-23SVA1E	10.4" SVGA 230 cd/m² LED Open Frame Monitor
IDS-3110ER-23SVA1E	10.4" SVGA 230 cd/m² LED Open Frame Touch Monitor
IDS-3110N-50XGA1E	10.4" XGA 500 cd/m2 LED Open Frame Monitor
IDS-3110R-50XGA1E	10.4" XGA 500 cd/m2 LED Open Frame Touch Monitor
IDS-3110P-50XGA1E	10.4" XGA 500 cd/m2 Open Frame P-cap Touch Monitor

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