IDS-3121W

21.5" FHD OpenFrame Monitor

Preliminary

Features

- 21.5" Full HD 1920 x 1080 LCD panel with LED backlight for 20% power saving and environmental protection
- 0° C ~ 55° C range operating temperature
- Optional resistive touchscreen solution(USB interface)
- Signal interface: VGA & DVI with optional HDMI
- Integrated bracket for easy installation
- Versatile mounting method for rear mounting and VESA mounting
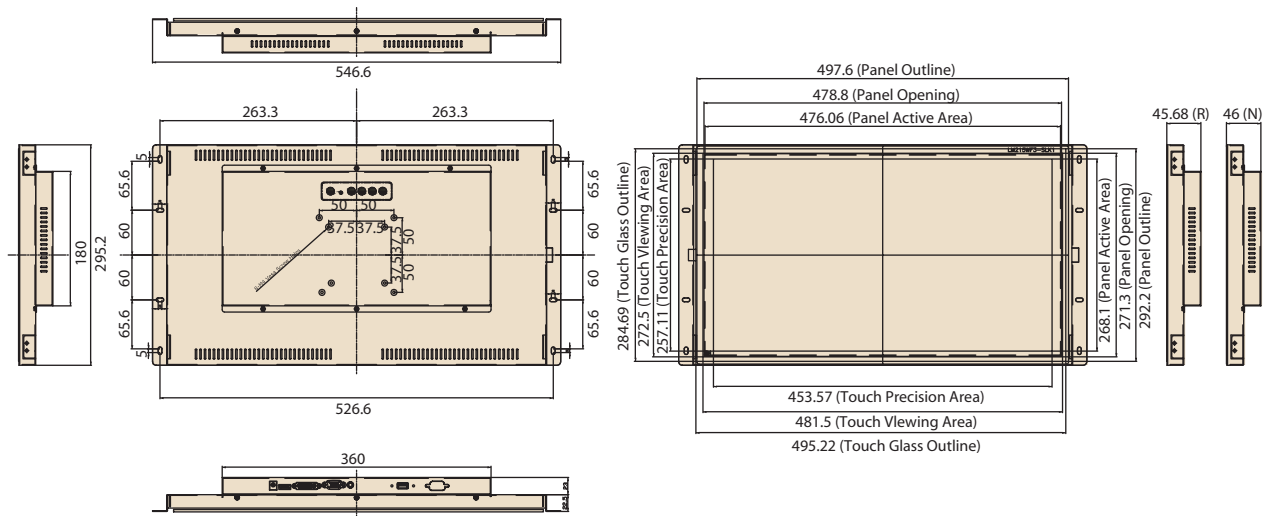
CCC RoHS COMPLIANT 2002/95/EC CE FCC

Introduction

The Advantech IDS-3121W 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-3121W
	Size	21.5" LED panel
	Resolution	1920 x 1080 (FHD)
	ViewingAngle	178°(H), 178°(V)
	Brightness	250 (cd/m²)
	ColorSupport	16.7M colors
	ContrastRatio	5000:1
	ResponseTime	16ms (Typ.)
	Backlight Life (hrs)	30,000 hrs
Touchscreen (Optional)	TouchscreenType	5-Wire Resistive
	Surface Hardness	3H
	Durability	10 million touches
	Transparency	80%+/-3%
Environment	Operating Temperature	0 ~ 45° C
	Storage Temperature	-20 ~ 60° C
	Humidity	10 ~ 90% @ 40° C,non-condensing
	Vibration	TBD
System	I/O	VGA x 1; DVI-D x 1; 12V_{DC} Jack x 1; USB x 1 (USB is reserved for the connection to enable touch usage only)
	OSD	Keys: Power on/off, Menu/Enter, Left/Up, Right/Down, Exit/Auto, Source Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, OSD Language, Reset, Auto Adjust
	Power	60W power adapter, with AC 100 ~ 240V input and DC +12V @ 5A output Consumption: 30 W (Max.)
	EMC Compliance	CE/FCC/CCC

Dimensions

Unit: mm

Packing List

Description

1 x M Cable USB-A(M)/USB-A(M) 1.8 meter

1 x VGA cable 15P (M) 1.8 meter

*USB cable is only included in the touch series.

Note: Package contents are subject to change without prior notice

Optional Items

PartNumber	Description
1702002600	3-Pin powercord(USA)
1700000596	3-Pin powercord(EU)
1700018705	3-Pin powercord with PSE(Japan)
1700000243	DVI cable 2.0 meter
1757003934	Adapter AC100-240V 60W +12V/5A DPS-60PB A

Ordering Information

ModelName	Description
IDS-3121WR-25FHA1E	21.5" FHD 250 cd/m² LED Open Frame touch monitor
IDS-3121WN-25FHA1E	21.5" FHD 250 cd/m² LED Open Frame monitor