

# IDS-3121W

## 21.5" FHD OpenFrame Monitor

NEW



### Features

- 21.5" Full HD 1920 x 1080 LCD panel with LED backlight for 20% power saving and environmental protection
- 0 ~ 45° C range operating temperature
- 5-wire resistive and P-cap touchscreen solution (optional)
- Touch interface: USB & RS-232
- Flexible signal interface: VGA, DVI & HDMI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Anti-Reflective surface treatment for sunlight readable enhancement (optional)

### Introduction

The Advantech IDS-3121W Embedded Open Frame Monitor series offers flexible options for 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.

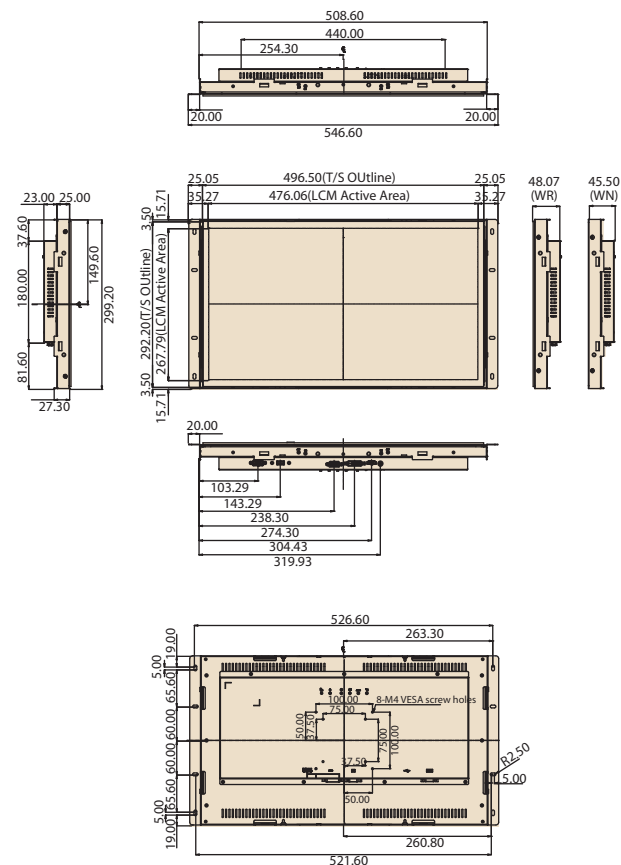
### Specifications

|                        |                       |                                                                                                                                                                           |
|------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display                | Model                 | IDS-3121W                                                                                                                                                                 |
|                        | Size                  | 21.5" LED panel                                                                                                                                                           |
|                        | Resolution            | 1920 x 1080 (FHD)                                                                                                                                                         |
|                        | Viewing Angle         | 178°(H), 178°(V)                                                                                                                                                          |
|                        | Brightness            | 250 (cd/m <sup>2</sup> )                                                                                                                                                  |
|                        | Color Support         | 16.7M colors                                                                                                                                                              |
|                        | Contrast Ratio        | 1000:1                                                                                                                                                                    |
|                        | Response Time         | 14ms (Typ.)                                                                                                                                                               |
| Touchscreen (Optional) | Backlight Life (hrs)  | 30,000 hrs                                                                                                                                                                |
|                        | Touchscreen Type      | 5-Wire Resistive / Projected Capacitive Touchscreen                                                                                                                       |
|                        | Surface Hardness      | 3H / 7H                                                                                                                                                                   |
|                        | Durability            | 10 million touches / -                                                                                                                                                    |
|                        | Transparency          | 80% ± 3% / 87±2%                                                                                                                                                          |
| Environment            | Operating Temperature | 0 ~ 45° C                                                                                                                                                                 |
|                        | Storage Temperature   | -20 ~ 60° C                                                                                                                                                               |
|                        | Humidity              | 90% @ 40° C, non-condensing                                                                                                                                               |
| System                 | I/O                   | VGA x 1, DVI x 1, 12V DC Jack x 1, USB x 1, RS-232 x 1, HDMI x 1 (USB and RS-232 are 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 Consumption     | 16.95W                                                                                                                                                                    |
|                        | Power Input           | 12V <sub>DC</sub> ± 5%, with barrel connector 5.5 x 2.5 mm                                                                                                                |
|                        | EMC Certificated      | CE/FCC/CCC                                                                                                                                                                |
|                        | Package Dimension     | 685 x 495 x 160 mm                                                                                                                                                        |
|                        | Net Weight            | 5.4 Kg                                                                                                                                                                    |
|                        | Gross Weight          | 7.1 Kg                                                                                                                                                                    |

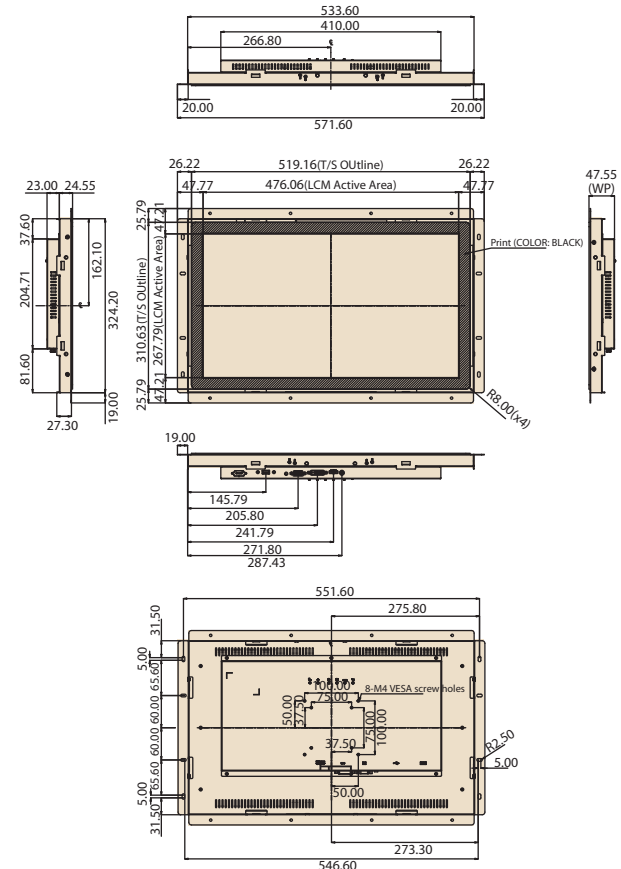
## Dimensions

Unit: mm

IDS-3121WN/R



IDS-3121WP



## Packing List

| Part Number   | Description                         |
|---------------|-------------------------------------|
| 1700002215    | 1 x M Cable USB-A(M)/USB-A(M) 180CM |
| 1700021332-11 | 1 x VGA cable 15P(M) 1.8 meter      |
| 1962055040    | 8 x Clamper                         |
| 1935042520    | 8 x Screw of clamper M4_25L         |
| 1992610005    | 1 x Cable clamp                     |
| 1933030500    | 1 x Screw of cable clamp            |

\*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 power cord (USA)                    |
| 1700000596       | 3-Pin power cord (China)                  |
| 1700018705       | 3-Pin power cord (EU)                     |
| 1700008921       | 3-Pin power cord with PSE (Japan)         |
| 1700000243-11    | DVI cable 2.0 meter                       |
| 96PSA-A60W12R1-1 | Adapter AC100-240V 60W +12V/5A DPS-60PB A |

## Ordering Information

| ModelName          | Description                                                                         |
|--------------------|-------------------------------------------------------------------------------------|
| IDS-3121WR-25FHA1E | 21.5" FHD 250 cd/m <sup>2</sup> LED Open Frame touch monitor (5-Wire Resistive)     |
| IDS-3121WN-25FHA1E | 21.5" FHD 250 cd/m <sup>2</sup> LED Open Frame monitor                              |
| IDS-3121WP-25FHA1E | 21.5" FHD 250 cd/m <sup>2</sup> LED Open Frame touch monitor (Projected Capacitive) |

# Mouser Electronics

Authorized Distributor

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

[Advantech:](#)

[IDS-3121WR-25FHA1E](#) [IDS-3121WN-25FHA1E](#)