

# IDS-3221W

## 21.5" FHD Panel Mount 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/P-Cap touchscreen or 3mm tempered protected glass
- 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-3221W Embedded Panel Mount Monitor series offers flexible options for touchscreen, signal interface and chassis mounting. The series with standard integrated frame design, supports rear and VESA mounting which bring the benefits of easy installation and provide flexibility for different applications.

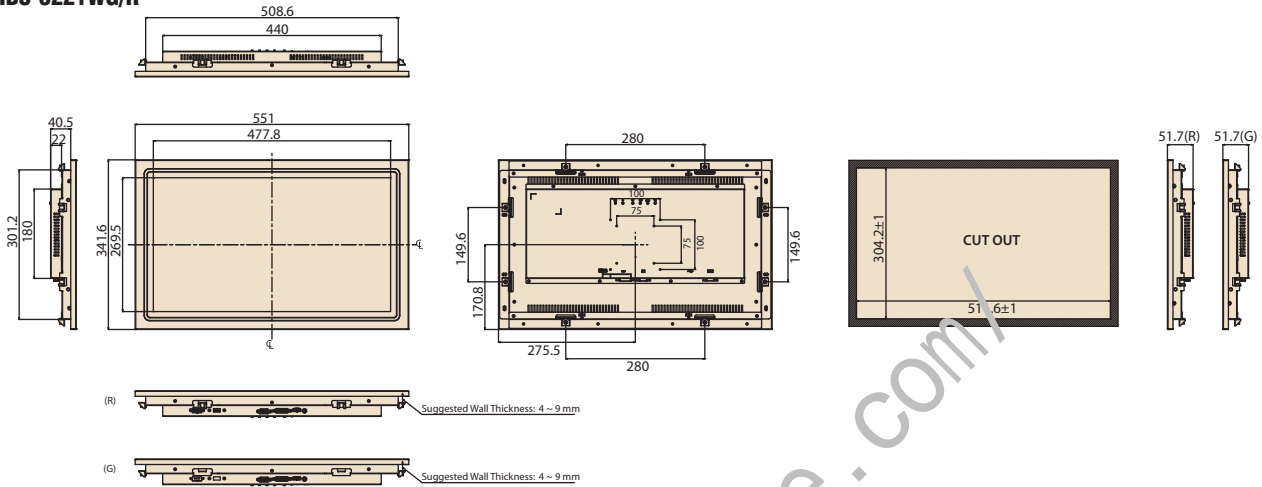
### Specifications

	Model	IDS-3221WG-25FHA1E	IDS-3221WR-25FHA1E	IDS-3221WP-25FHA1E
Display	Size	21.5" LED panel	21.5" LED panel	21.5" LED panel
	Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
	Viewing Angle	178°(H), 178°(V)	178°(H), 178°(V)	178°(H), 178°(V)
	Brightness	250 (cd/m <sup>2</sup> )	250 (cd/m <sup>2</sup> )	250 (cd/m <sup>2</sup> )
	Color Support	16.7M colors	16.7M colors	16.7M colors
	Contrast Ratio	1000:1	1000:1	1000:1
	Response Time	14ms (Typ.)	14ms (Typ.)	14ms (Typ.)
	Backlight Life (hrs)	30,000 hrs	30,000 hrs	30,000 hrs
	Touchscreen (Optional)	Touchscreen Type	3mm tempered glass	5-Wire Resistive
Surface Hardness		7H	3H	7H
Durability		-	10 million touches	-
Transparency		90% ± 3%	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	15.95W	17.45W	17.45W
	Power Input	12V <sub>DC</sub> ± 5%, with barrel connector 5.5 x 2.5 mm		
	EMC Certified	CE/FCC/CCC		
	Package Dimension	685 x 160 x 495 mm		
	Net Weight	6.4kg	6.7kg	6.7kg
	Gross Weight	8.4kg	8.5kg	8.5kg

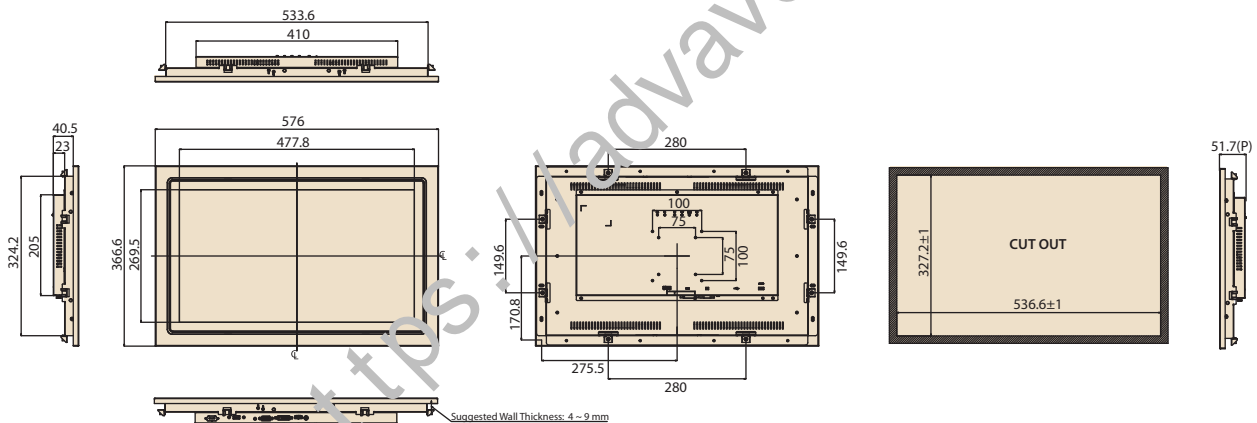
## Dimensions

Unit: mm

### IDS-3221WG/R



### IDS-3221WP



## 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 Clampers
1935042520	8 x Screws of clampers M4_25L
1992610005	1 x Cable clamp
1933030500	1 x Screw of cable clamp

## Optional Items

PartNumber	Description
1702002600	3-Pin power cord (USA)
1700000596	3-Pin power cord (China)
1700018705	3-Pin power cord (EU)
1700000237	3-Pin power cord with PSE (Japan)
1700000243-11	DVI cable 2.0 meter
96PSA-A60W12R1-3	Adapter AC100-240V 60W +12V/5A

\*USB cable is only included in the touch series.

Note: Package contents are subject to change without prior notice

## Ordering Information

ModelName	Description
IDS-3221WG-25FHA1E	21.5" FHD 250cd/m2 LED Panel Mount Monitor
IDS-3221WR-25FHA1E	21.5" FHD 250 cd/m <sup>2</sup> LED Panel Mount touch monitor (Resistive)
IDS-3221WP-25FHA1E	21.5" FHD 250 cd/m <sup>2</sup> LED Panel Mount touch monitor (P-Cap)