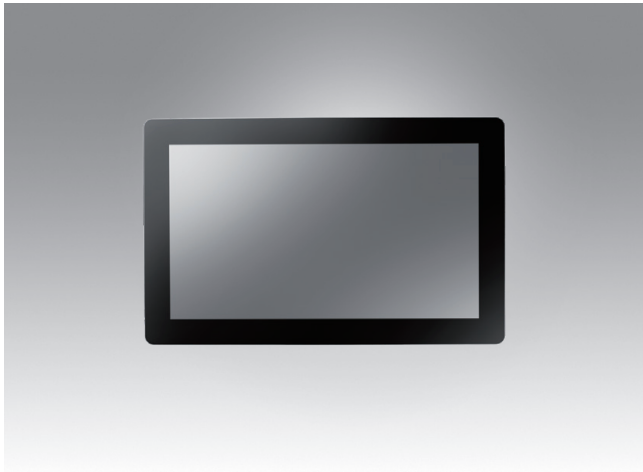# IDP31-101W
10.1" Bezel-less Touch Monitor

Features

- 10.1" LCD wide screen panel with LED backlight delivers a long service life
- Supports wide operating temperatures
- True flat surface – contemporary Proflat design
- Wide viewing angles support portrait and landscape modes
- Thin profile enclosure eliminates need for additional casing or metalwork
- Multi-touch PCAP touchscreen with USB interface
- IP rating for water and dust protection
- Optional anti-reflective surface treatment empowers sunlight readability (customized solution)
- Increase panel brightness to 1200 nits using an option enhancement (customized solution)
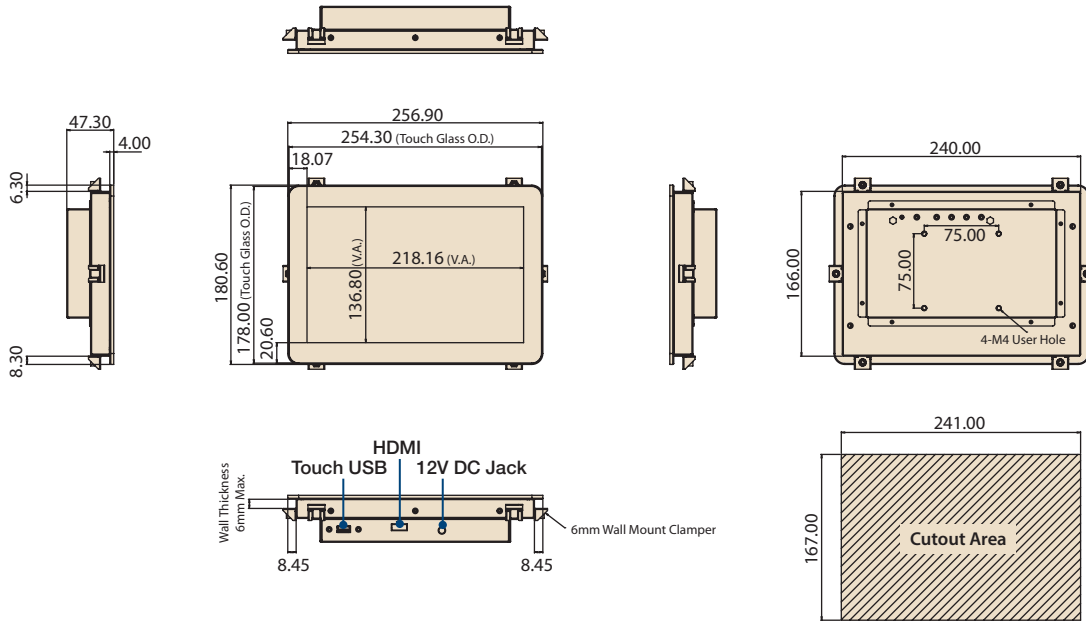
Introduction

Advantech's IDP31-101W Proflat monitor meets demands for stylish contemporary public signage, medical, and POS applications. This solution features a flat, easy to clean/maintain glass surface with long-term product availability. IDP31-101W can be used in either portrait or landscape modes using a VESA mount. This solution's metal chassis creates a rugged and stable platform for a wide range of applications and solutions.

Specifications

Display Features	Specifications	Notes
Model	IDP31-101W	
Backlight	LED	Light source
Resolution	1280 x 800	
Brightness	500 cd/m²	
Viewing Angle	85°/85°/85°/85°	Left/Right/Up/Down
Max Colors	16.2M	
Contrast Ratio	800:1	
Response Time	11 ms	Maximum
Backlight Lifetime	50,000 hours	Typical time to half brightness in room temperature operation
Touchscreen Type	Projected Capacitive	10 points
Surface Hardness	7H	Pencil hardness
Transparency	90%	Minimum
Cover Glass Thickness	1.8 mm	
Operating Temperature	-20 ~ 65 °C	
Storage Temperature	-25 ~ 70 °C	
Humidity	10 ~ 90% @ 40 °C (104 °F)	Non-condensing
Input/Output	HDMI x 1; 12 V_{DC} Jack x 1; Type A USB x 1	
OSD	Keys: Menu/Sel, Right/UP, Left/Down, Exit, Monitor Power on/off Key Functions: Brightness, Contrast, Screen Settings, Color Temp, Language	
Power Consumption	8W	
Power Input	12V_{DC} ± 5%	
Mounting	VESA/Panel mount	
IP Rating	Front IP67	
Net Weight	1.2 kg	

Dimensions

Unit: mm

Ordering Information

Model Name	Description
IDP31-101WP50HIA1	10.1", Bezel-less touch monitor with PCAP touch screen, HD resolution, 500 cd/m² brightness, HDMI input

Packing List

Part Number	Description
1700002215	1 x M cable USB-A(M)/USB-A(M) 180CM
1700027186-01	HDMI cable 1.5 meter
1935042520	8 x Screw M4_25L (2 are spare parts)
1962055040	8 x Clamper (2 are spare parts)

Optional Items

Part Number	Description
1702002600	3-Pin power cord (USA)
1700000596	3-Pin power cord (China)
1700018705	3-Pin power cord (EU)
1700018704	3-Pin power cord (UK)
1700000237-31	3-Pin power cord with PSE (Japan)
96PSA-A60W12R1-3	Adapter 100-240V$_{AC}$, 12VDC/5A, PLUG 90°
1700023591-01	HDMI cable 1.2 meter

All Advantech monitors are configurable to order. Use www.advantech.com for guidance on versions, pricing and deliver for all models