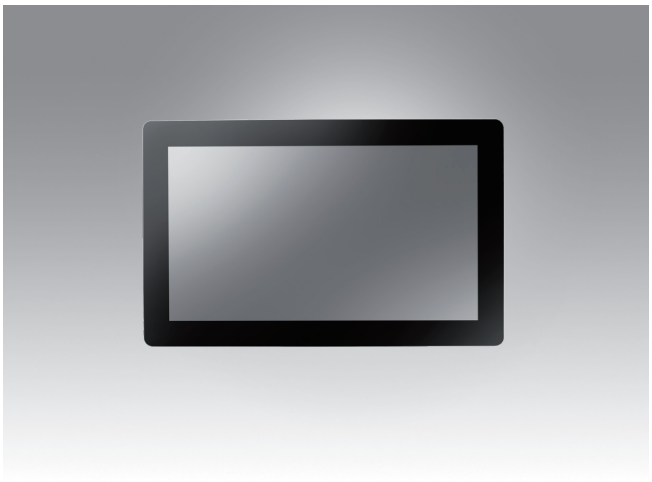
IDP31-156W

15.6" Bezel-less Touch Monitor



Features

- 15.6" 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
- Optional anti-reflective surface treatment empowers sunlight readability
- Increase panel brightness to 1200 nits using an option enhancement
- IP rating for water and dust protection

Introduction

Advantech's IDP31-156W 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. IDP31-156W 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

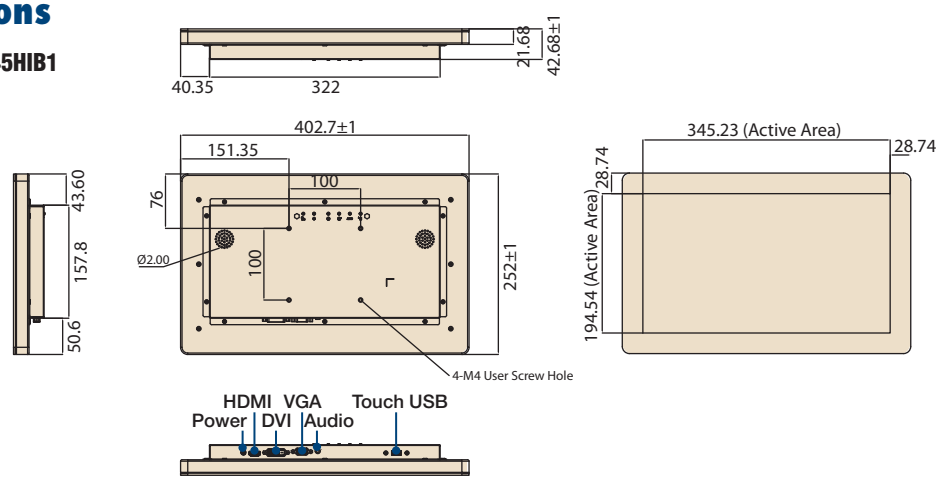
Display Features	Specifications		Notes
Model	IDP31-156WP45HIB1 (with built-in speakers), FHD	IDP31-156WP30HIA1, HD	
Backlight	LED		Light source
Resolution	1920 x 1080	1366 x 768	Full HD/HD
Brightness	450 cd/m²	500 cd/m²	Measured at typical operating voltage
Viewing Angle	85°/85°/85°/85°	80°/80°/80°/70°	Left/Right/Up/Down
Max Colors	16.2M		
Contrast Ratio	800:1	600:1	
Response Time	25 ms	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	6H	7H	Pencil hardness
Transparency	86%	80%	Minimum
Cover Glass Thickness	3 mm (0.11 in)	1.8 mm (0.07 in)	
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	-10 ~ 55 °C (14 ~ 131 °F)	
Storage Temperature	-30 ~ 70 °C (-22 ~ 158 °F)	-20 ~ 60 °C (-4 ~ 140 °F)	
Humidity	10 ~ 90% @ 40 °C (104 °F)		Non-condensing
Input/Output	1 x HDMI, 1 x VGA, 1 x DVI-D 1 x Audio (audio output 3W) 1 x 12 V_{DC} Jack, 1 x USB	1 x HDMI, 1 x 12 V_{DC} Jack, 1 x USB	USB is reserved for the connection to enable touch only
OSD	Keys: menu, up, down, auto adjust, monitor power on/off Menu Functions: brightness, contrast, screen settings, color temp, and language OSD settings, VGA/DVI, Recall, and Auto Adjust		
Power Consumption	12W	13.7W	Maximum
Power Input	12V_{DC} ± 5%		With barrel connector 5.5 x 2.5 mm (0.21 x 0.09 in)
Mounting	VESA mount	VESA/Panel mount	
IP Rating	Front IP54	Front IP67	
Package Dimensions	510 x 175 x 410 mm (20 x 6.88 x 16.1 in)	485 x 165 x 365 mm (18.3 x 6.40 x 14.3 in)	
Net Weight	5.0 kg (11 lb)	3.2 kg (7.93 lb)	
Gross Weight	6.0 kg (13.2 lb)	4.2 kg (9.25 lb)	

All product specifications are subject to change without notice.

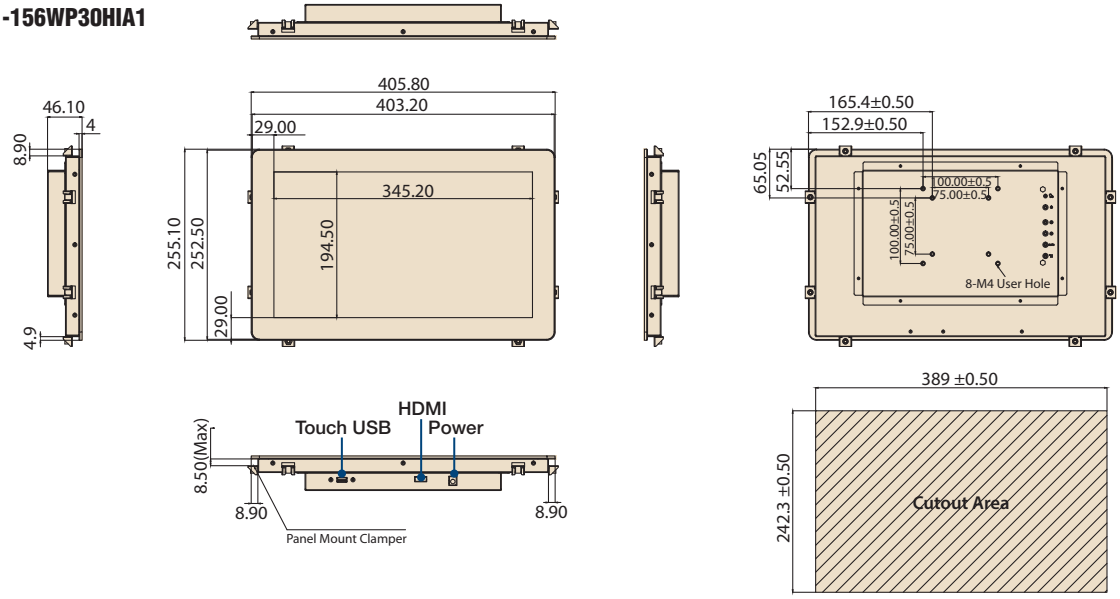
Dimensions

Unit: mm

IDP31-156WP45HIB1



IDP31-156WP30HIA1



Ordering Information

Model Name	Description
IDP31-156WP45HIB1	15.6", Bezel-less touch monitor with PCAP touch screen, FHD, 450 cd/m² brightness, VGA, DVI, and HDMI input
IDP31-156WP30HIA1	15.6", Bezel-less touch monitor with PCAP touch screen, HD, 500 cd/m² brightness, and HDMI input

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 m (5.9 ft)
1992610005	1 x Cable clamp
1933030500	1 x Screw of cable clamp
1992602010	2 x Cable tie (for HD only)
1931030602	2 x Screw M3_6L (for HD only)
1990020706S000	2 x USB cable clip (for HD only)
1930002205	8 x Screw M4_30L (for HD only)
1962055040	8 x Clamper (for HD only)
1700027186-01	HDMI cable 1.5 meter (for HD only)

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 AC100-240V 60W +12V/5A
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