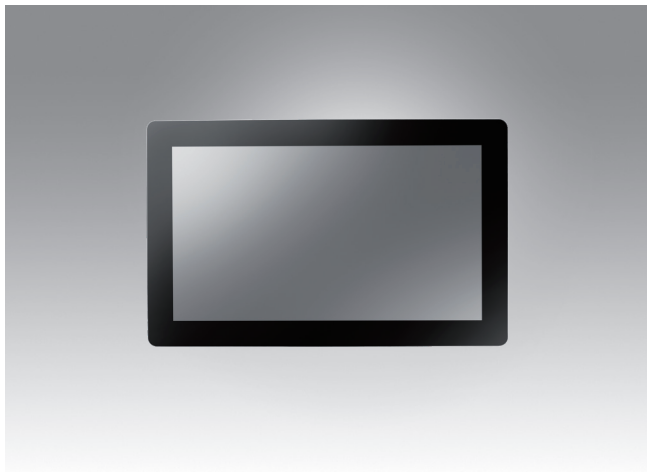


# IDP31-156W

**100% flat fronted touch, industrial grade monitors. Ultra thin profile, smooth rounded corners, bezel-less, and rugged glass fronted for a totally contemporary outlook**



## Features

- 15.6" LCD wide screen panel with LED backlight for long service life
- Wide operating temperature -20 ~ +60 °C
- Regular brightness 450 cd/m<sup>2</sup>
- True flat surface – contemporary Proflat style
- Wide view-angle for portrait and landscape mode
- Built-in speakers
- Thin profile, enclosure – no need for additional enclosures or metalwork
- Multi-touch P-cap touch with USB interface
- Flexible signal interface: VGA, DVI & HDMI
- VESA mounting
- Anti-Reflective surface treatment for sunlight readable enhancement (optional)
- Increase the panel brightness to 1200 nits for sunlight readable enhancement (optional)
- Front IP54 for waterproof and dustproof

## Introduction

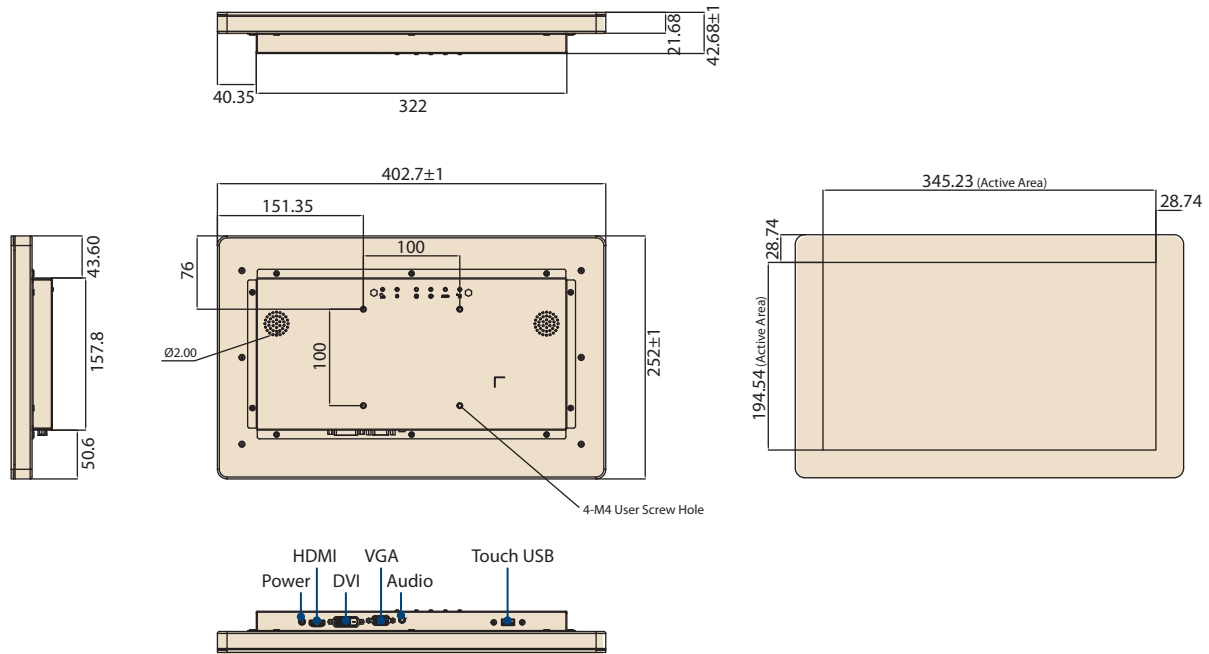
The IDP31-156W Proflat monitor responds to a demand for contemporary styling in demanding applications such as public signage, front of house information, medical and point-of-sale. The product features a truly-flat, easy to clean and maintain glass surface with long term product availability. IDP31-156W can be used in either portrait or landscape mode and is cleverly packaged in such a way that no further mechanical parts are needed other than a VESA mount to create a display system. The use of a metal chassis provides a rugged and stable platform to build solutions for the widest range of applications.

## Specifications

Display Features	Spec	Notes
Model	IDP31-156W	
Backlight	LED	Light source
Resolution	1920 x 1080	Full HD
Brightness	450 cd/m <sup>2</sup>	Measured at typical operating voltage
Viewing Angle	85°/85°/85°/85°	Left/Right/Up/Down
Max Colors	16.2M	
Contrast Ratio	800:1	
Response Time	25 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	Pencil hardness
Transparency	86%	Minimum
Cover Glass Thickness	3mm	
Operating Temperature	-20 ~ 60 °C	
Storage Temperature	-30 ~ 70 °C	
Humidity	10 ~ 90% @ 40 °C	Non-condensing
Input/Output	HDMI x 1; VGA x 1; DVI-D x 1 Audio x 1 (audio output 3W) 12 V <sub>DC</sub> Jack x 1; USB x 1	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, Language OSD settings, VGA/DVI, Recall, Auto Adjust	
Power Consumption	12W	
Power Input	12V <sub>DC</sub> ± 5%	With barrel connector 5.5 x 2.5 mm

## Dimensions

Unit: mm



## Ordering Information

Model Name	Description
IDP31-156WP45HIB1	15.6", Industrial black ProFlat monitor with P-cap Multi-touch touchscreen, 450 cd/m <sup>2</sup> brightness, VGA & DVI & 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 meter

## 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)
1700008921	3-Pin power cord with PSE (Japan)
1700000243-11	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)
96PSA-A60W12R1-3	Adapter AC100-240V 60W +12V/5A
1700027186-01	HDMI cable 1.5 meter
1700023591-01	HDMI cable 1.2 meter