

IDP31-156WC

15.6" Bezel-less USB-C Touch Monitor



Features

- 15.6" FHD wide screen panel with LED backlight delivers a long service life
- USB-C support Touch / DP ALT mode/ Power input in one connection
- True flat surface – contemporary Proflat design
- Wide viewing angles.
- Multi-touch PCAP touchscreen via USB-C interface
- IP67 rated for water and dust protection
- Anti-UV protection
- HDMI/DP/USB-C interface supported.
- Optional anti-glare surface treatment



Introduction

Advantech IDP31-156WC Proflat USB-C touch monitor is designed to meet the needs of modern Kiosk, Automation, Medical, and Laboratory applications. This USB-C solution combines power, DP ALT mode, and touch function into a single connection for streamlined integration. It supports glove operation and features an IP67-rated glass surface that is easy to clean and maintain. With long-term product availability. The IDP31-156WC offers flexible installation options, including VESA and panel mounting. Its metal chassis provides a rugged, stable platform suitable for a wide range of applications and solutions.

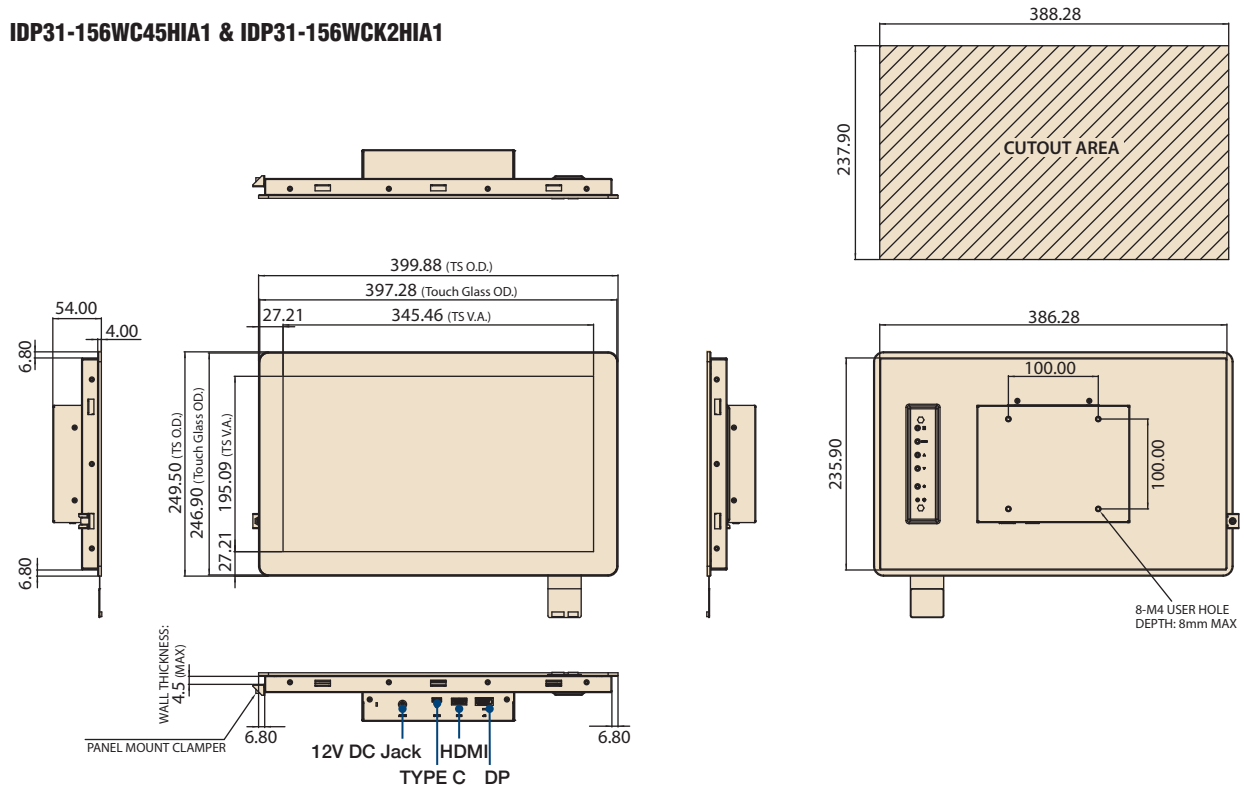
Specifications

Model	IDP31-156WC45HIA1	IDP31-156WCK2HIA1
Resolution	1920x1080	1920x1080
Brightness	450 cd/m2	1200 cd/m2
Viewing Angle	89°/89°/89°/89°	89°/89°/89°/89°
Display Color	16.7M	16.7M
Contrast Ratio	1000:1	800:1
Response Time	25 ms	25ms
Backlight Lifetime	50,000 hours	50,000 hours
Touchscreen Type	Projected Capacitive	Projected Capacitive
Surface Hardness	7H	7H
Transparency	≥85%	≥85%
Cover Glass Thickness	1.8 mm	1.8mm
Operating Temperature	0 ~ 60°C	-20 ~ 70 °C
Storage Temperature	-20 ~ 70 °C	-40~ 85 °C
Humidity	90% @ 40 °C (104 °F)	90% @ 40 °C (104 °F)
Input/Output	USB-C/ HDMI/DP/DC jack	USB-C/HDMI/DP/DC jack
OSD	Keys: Menu/Sel, Right/UP, Left/Down, Exit, Monitor Power on/off Key Functions: Brightness, Contrast, Screen Settings, Color Temp, Language	
Power Input	12V DC/ USB-C	12V DC/ USB-C
Mounting	VESA/Panel mount	VESA/Panel mount
IP Rating	Front IP67	Front IP67
Net Weight	2.9KG	3.2KG

Dimensions

Unit: mm [inch]

IDP31-156WC45HIA1 & IDP31-156WCK2HIA1



Ordering Information

Part number	Description
IDP31-156C45HIA1	15.6" 450nits FHD USB-C all in one touch monitor with DP, HDMI, 12V DC input
IDP31-156CCK2HIA1	15.6" 1200nits FHD USB-C all in one touch monitor with DP, HDMI, 12V DC input

Packing List

Part number	Description
170P000015-01	USB-C Cable 180cm
1962055040	Clamper x10pcs
1935042520	Screws x10 M4x25L D=8.3, H=2.5
1990022422S000	Cable tie rail x4
1990022423S000	Cable tie ring x4

Optional Items

Part number	Description
1700027186-01	HDMI cable 1.5M
1700026796-21	DP cable 2M
96PSA-A36W12R1-3	90°PLUG12V DC in/ 36 W Adapter 100-240V
1700001524	USA power cord 3pin IEC-C5
170203183C	EU power cord 3pin IEC-C5
170203180A-01	UK power cord 3pin IEC-C5
1700019146	CN power cord 3pin IEC-C5

