

IDP-31101W

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

NEW



Features

- 10.1" wide LCD panel with LED backlight for long service life
- Operating temperature: 0 to +40°C; Storage temperature: 20 to +60°C
- Regular brightness: 600Cd/m²
- Resolution: 1280x800
- Contrast ratio: 600:1
- Viewing angle: 178° wide view angle for portrait and landscape mode
- 10 touch points projected capacitive touch overlay
- VGA & DVI-D interface
- No need for additional keyboards or mouse
- Plug and play without any touch or mouse
- Rugged metal body, contemporary style and thin profile

Introduction

The IDP-31101W is a solution for response to a requirement for contemporary setting in demanding applications such as public displays, retail point of sale information, medical and portable. All IDP-311 series products feature a fully flat, easy to clean and durable glass surface that is available in each mode. Can be used in both portrait and landscape mode, also comes packaged in such a way that no thermomechanical parts are needed other than a VESA mount to create a display system. The used a metal chassis provides a rugged and stable platform for business and industrial wide range of applications. The design must touch and the choice of a front bezel or without a bezel will be respectively. The bezel type is different than other products.

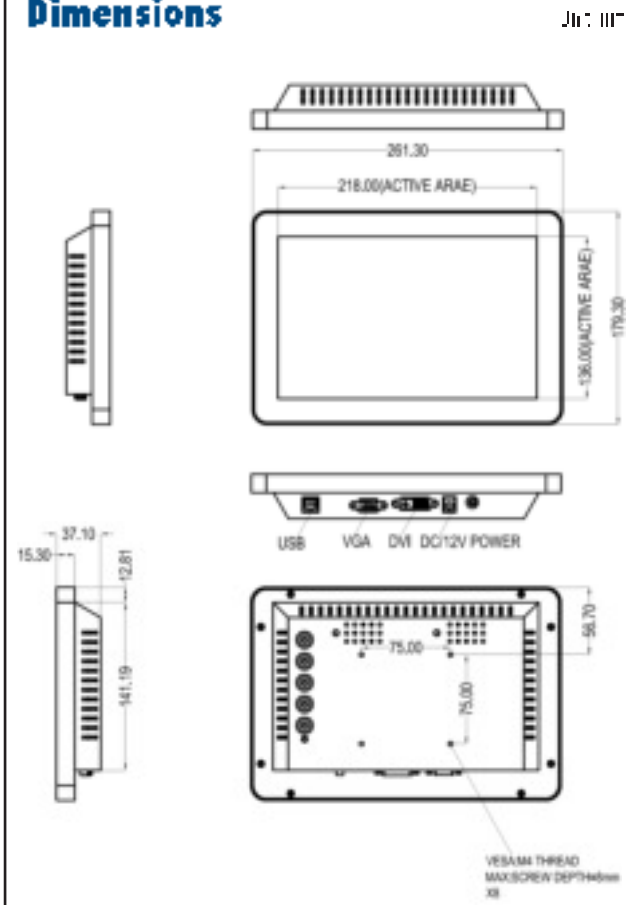
Typical Applications

- Storage and public information
- Kiosk
- System partition
- Medical
- Digital assistant

Specifications

Display Features	Spec	Notes
Model	IDP-31101W	
Backlight	LED	Light source
Resolution	1280x800	Native resolution. Other resolutions supported on LCD panel setting.
Brightness	600cd/m ²	Measured at typical operating voltage
Viewing Angle	±80°(H)/±60°(V)	±0.1% light loss
Surface treatment	AG	Anti-Glare In-glass
Contrast Ratio	600:1	In laboratory measurement conditions
Max Colors	16.7M	6-bit per color
Response Time	25ms	typical
Backlight Lifetime	60,000 hours	Typical to half brightness in both temperature operation
Cover glass	1.3mm(0.051")	
Operating Temp	0 to +40°C	Industrial Use
Touch Sensor	10 points PC	Projected capacitive overlay
Input/Output	VGA, DVI	
Power	PC	Front & Side connection

Dimensions



Touch Screen Options

Type 10.1" wide Screen	Cover glass (CG)	Analogue Resistive (AR)	Surface Acoustic Wave (SAW)	Surface Capacitive (SCAP)	Projected Capacitive (PCT)	Infra-red (IR)	Multi-Touch
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Construction	2mm heat strengthened glass	10 (lines) x 10 (dots) glass	4mm pure glass sensor	hard coated poly glass	10 (lines) x 10 (dots) strengthened glass	3mm tempered glass with infrared sensor	other FU-cert
Surface	GH	GH	VH	VHF	VHF	VH	
Stability (at 60°C max)	GH	GH	VH	VHF	VHF	VH	
Flaring Potential (ouches)	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹
Transparency	83.2%	81%	80.5%	81.1-83%	82%	79.5-83.5%	
Drop Fall	600g/1.50m	22/30/80 steel ball from 80cm height	10kg/1.50m	10kg/80cm (with touch)	22/30/80 steel ball from 80cm height	10kg/83.5cm ball droped from height of 1.5m	22/30/80 steel ball from 80cm height
Acad Thickness (mm)	3.98-4.01 (1.57in)	1.3mm	6mm	8mm	3.98-4.01mm	5.0-5.5mm	5.0-5.5mm
Custom Options	Anti-glare Optical bonding	Optical bonding	Substrate Waterproof, Anti glare, safe touch	Optical bonding, anti-glare	Anti-glare, Glass Painting, Customer logo, Custom touch color, 25, 27%, Optical bonding	2-point, 4-point Optical bonding	extended cover glass backlighting White coating

System/Electrical Features

System / Electrical	Spec	Unit / Notes
Power Consumption	10W	spec consumption at standard brightness and temperature
Power Supply	12V/3.0A	external DC power (including internal input voltage) + 250mA max, external Adapter 100-240VAC, 50/60Hz
Video Input (available options)	VGA V-20 HDMI COMPOS e-USB DisplayPort	Native resolution. Other resolutions supported by software setting.
On-Screen Display (OSD)	6 Lines Menu Functions	Menu: Brightness, Contrast, Power On/Off, Brightness, Contrast, sensor setting, Volume, Temp, Language, OSD Settings, VGA/DVI/Reset, Auto Adjust

Mechanical Features

Mechanical	Spec	Notes
Overall size	267x217/9.33x8.54in	Frontal
Active area Size	238x176/9.37x6.93in	
Case / bezel color	black / white / power cord	Custom colour and finishes are available on request
Bezel	1.6mm	
VESA Mounting Options	75x75mm	no. User defined mounting requirements contact us

Environmental Features

Environmental	Spec
Operating Temp	0 to 40°C
Storage Temp	-20 to 60°C
Humidity	30% RH
Vibration	10G, 10-2000Hz, 4-10min pulses (5 min/2)
Agency Approvals	CE, FCC, FCCB

Ordering Information

Model Name	Description
IDP-31101W-9502961G	10.1" wide industrial back projection monitor with 10 touch, F01 resolution, 600 cdm brightness, VGA & DVI input

Accessory Package

- Power supply (110V/240V), USB-C & power cord, VESA card, DVI cable, USB cable and touch gloves

A: Available monitors are configurable on order. Use www.advantech.com/monitor to view configurations, pricing and delivery terms / models.