

IDP-31320W

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

- 32.0" wide LCD panel with LED backlight and viewable
- Operating temperature: 0 to +40°C; Storage temperature: 20 to 60°C
- Regular brightness: 500 Cd/m²
- Resolution: 1280 x 1024
- Contrast ratio: 800:1
- 80°/82°/82°/82° wide view angle for portrait and landscape mode
- 10 touch points capacitive touch overlay
- VGA, DVI, HDMI & DisplayPort interface
- No need for additional cables or hardware
- Plug and play without any touch or software
- Rugged surface, contemporary style and thin profile

Introduction

The IDP-31320W is a solution for response to a requirement for contemporary setting in demanding applications such as public display, retail, food service, information medical and portable. All IDP-31320W series product carries a beautiful, easy to clean and maintain glass surface with a variety product available. In each mode can be used in both portrait and landscape mode, also comes packaged in such a way that no mechanical parts are needed other than a VESA mount to create a display system. The used a metal chassis provides a rugged and stable platform to build up the entire wide range of applications. The device must touch and the choice of a desktop or whether a great all in one product. If you looking for a device as the IDP-31320W.

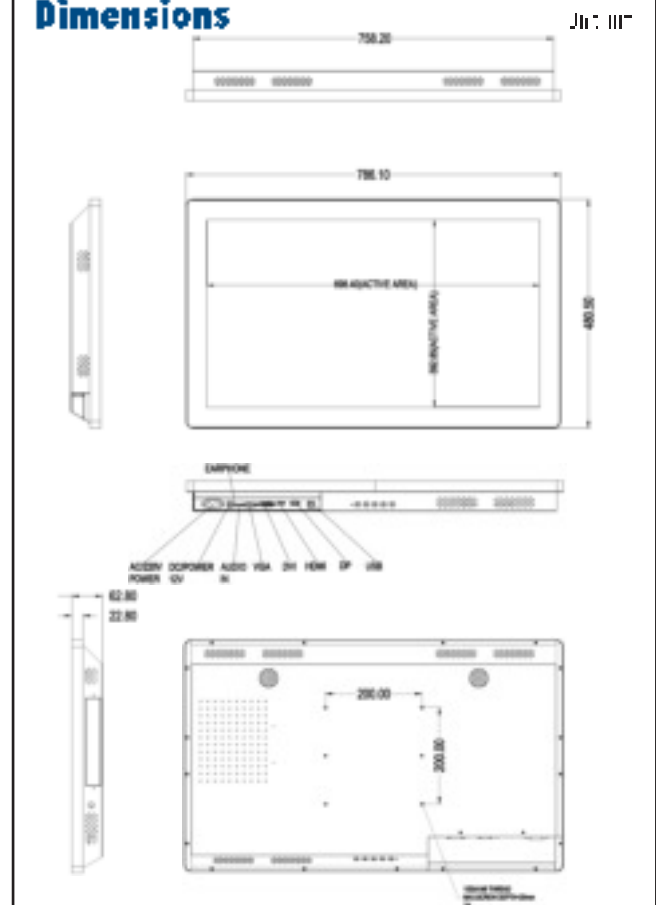
Typical Applications

- Storage and public information
- Way guide
- Video and portrait mode
- Medical
- Digital assistant

Specifications

Display Features	Spec	Notes
Model	IDP-31320W	
Backlight	LED	Light source
Resolution	1280 x 1024	Native resolution. Other resolution supported on 6.1 and 6.2
Brightness	500 cd/m ²	Maximum typical operating voltage
Viewing Angle	80°/82°/82°/82°	Vertical/Horizontal
Surface treatment	AG	Anti-Glare/In-glass
Contrast Ratio	800:1	In laboratory standard conditions
Max Colors	16.7M	6-bit per channel
Response time	8ms	typical
Backlight Lifetime	50,000 hours	50 times full brightness in room temperature operation
Cover glass	6.30mm	
Operating Temp	0 to +40°C	Industrial Use
Touch Sensor	10 points PC	Projected capacitive overlay
Input/Output	VGA, DVI, HDMI, DP	
Power	PC	Front & Side connector for

Dimensions



Touch Screen Options

Type 32.0" wide Screen	Cover glass (CG)	Analogue Resistive (AR)	Surface Acoustic Wave (SAW)	Surface Capacitive (SCAP)	Projected Capacitive (PCT)	Infra-red (IR)	Multi-Touch
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	6mm heat strengthened glass	10mm (x1) 2.5mm (x2) glass	4mm pure glass sensor	hard coated poly glass	10mm (x1) with 0.1mm (x2) strengthened glass	3mm tempered glass with infrared sensor	other FU or IIF
Surface	GH	GH	GH	GH	GH	GH	
Durability (abrasion resistance)	GH	GH	GH	GH	GH	GH	
Filtering (potential touch)	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹	FC ¹
Transparency	83.2%	81%	83.2%	81.1-83%	82%	79.5-83.2%	
Drop fall	6000 J (30m)	22500 J (80' steel ball) 10000 J (40' steel ball)	10000 J (30m)	10000 J (30m) (optional)	22500 J (80' steel ball) 10000 J (40' steel ball)	10000 J (30m) ball dropped from height of 10m	22500 J (80' steel ball) 10000 J (40' steel ball)
Access thickness (top)	3.0mm (0.12in)	1.3mm	6mm	6mm	3.0mm	3.0mm (drawing)	3.0mm (drawing)
Custom Options	Anti-glare Optical bonding	Optical bonding	Substrate: Anodized, Anti-glare, bare touch	Optical bonding, anti-glare	Anti-glare, Glass painting, Custom edge, Custom touch (e.g. 5, 25, 20%), Optical bonding	2-point, 4-point, Optical bonding	extended cover glass, back lighting, White bonding

System/Electrical Features

System / Electrical	Spec	Unit / Notes
Power Consumption	42W	spec. consumption at standard brightness and temp. active
Power Supply	100-240V AC 50/60Hz, 1.6A	external DC power (brick) included input voltage: +20% (max) external Adapter: 100-240VAC, 50/60Hz
Resolution (variable display)	M: 1024 V: 768 M: 800 V: 600 (OS: E-USE) M: 800 (OS: F-USE)	Native resolution. Other resolutions supported by OS and scaling.
On-screen Display (OSD)	6 Lines Menu Functions	Menu: Auto power, Refresh, Power On/Off, brightness, Contrast, sensor setting, Output, temp, language, OSD settings, eSATA/USB, Auto Adjust

Mechanical Features

Mechanical	Spec	Notes
Overall size	825 (W) x 480 (H) x 22 (D) mm	(Profile)
Active area size	685 (W) x 382 (H) x 0.5 (D) mm	
Case / bezel color	black / white / power cord	Custom colour and finishes are available on request
Weight	1.7 (kg)	
VESA Mounting Options	200 x 200mm	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	1.0, 1.0-200 Hz, 4.5 (mm/s) ² (avg)
Agency Approvals	CE, FCC, RoHS

Ordering Information

Model Name	Description
DP-31320W50CH61G	32.0" wide industrial back projection monitor with 10 cores, F01 resolution, full range brightness, VGA, DVI & HDMI & DisplayPort model

Accessory Package

- JRE2008 bracket, VGA cable, 10-core HDMI cable, DisplayPort cable, USB cable (to touch panel)

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