

IDP-31270W

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

- 27.0" wide LCD panel with LED backlight for long service life
- Operating temperature 0 to +40° C ; Storage temperature -20 to +60° C
- Regular brightness 300 CD/m²
- Resolution 1920 x 1080
- Contrast ratio 3000 : 1
- 89°/89°/89°/89° wide view-angle for portrait and landscape mode
- 10 points projected capacitive touch overlay
- VGA & DVI & HDMI & DisplayPort I/O interface
- No need for additional enclosures or metalwork
- True plug and play without any touch driver needed
- Pure flat surface, contemporary style, and thin profile



Introduction

The IDP-31270W ProFlat monitor responds to a requirement for contemporary styling in demanding applications such as public signage, front of house information, medical and point-of-sale. All IDP-31 series product features a truly-flat, easy to clean and maintain glass surface with long term product availability. Each model can be used in both portrait and landscape mode, also 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. 10 points multi-touch and the choice of either black or white finish create further opportunity for those seeking to differentiate their next product design.

Typical Applications

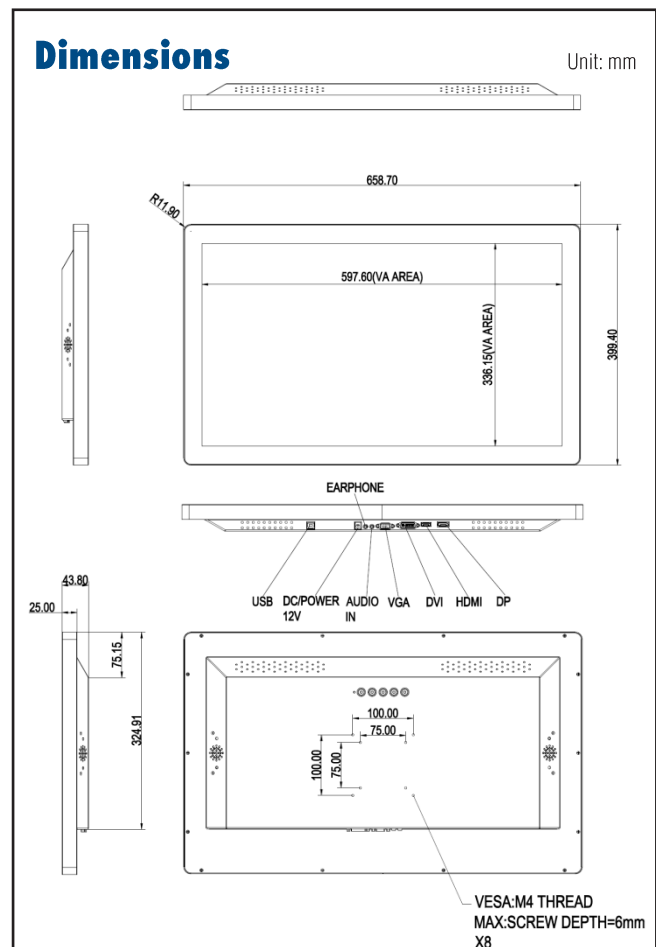
- Signage and public information
- Way-finder
- Kiosks and point of sale
- Medical
- Digital assistant

Specifications

| Display Features | Spec | Notes |
|--------------------|-----------------------|--|
| Model | IDP-31270W | |
| Backlight | LED | Light source |
| Resolution | 1920 x 1080 | Native resolution. Other resolutions supported by A/D card |
| Brightness | 300 cd/m ² | Measured at typical operating voltage |
| Viewing Angle | 89°/89°/89°/89° | Left/Right/Up/Down |
| Surface Treatment | 6H | MoHS/Anti-glare |
| Contrast Ratio | 3000 : 1 | In laboratory measurement conditions |
| Max Colors | 16.7M | 6/8 bit per colour |
| Response Time | 12ms | Typical |
| Backlight Lifetime | 30,000 hours | Typ. time to half brightness in room temperature operation |
| Cover glass | 4.3±0.3mm | |
| Operating Temp | 0° to +40° C | Industrial use |
| Touch Screen | 10 points PCT | Projected capacitive overlay |
| Input / Output | VGA,DVI,HDMI,DP | |
| IP Rating | IP51 | Front & Side of the monitor |

Dimensions

Unit: mm



Touch Screen Options

| Type 27.0" 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 | 4.3mm heat strengthened glass | ITO film to ITO coated glass | 4mm pure glass sensor | Hard coat ITO pure glass | ITO film/film with Chemical strengthened glass | 3mm tempered glass with infrared sensor | Either PCT or IR |
| Surface | 6H | 3H | 7H | <4H | <4H | 7H | - |
| Durability (no of touches) | - | > 1m | >5m | >1m | >1m | >1m | - |
| IP Rating (potential) | IP51 | IP51 | IP51 | IP51 | IP51 | IP51 | IP51 |
| Touches | 0 | 1 | 1 | 1 | 1/2/10/30 | 1040g/63.5mm | - |
| Transparency | 93±2% | 81% | 90±5% | 91±1.5% | 82% | - | - |
| Drop Ball | 500g / 50cm | 227g/38Ø steel ball from 80cm height | 1040g / 90cm | UL60950 (Tough touch only) | 227g/38Ø steel ball from 80cm height | 1040g/63.5mm ball dropped from height of 1.0m | 227g/38Ø steel ball from 80cm height |
| Added thickness (typ.) | 3/4/5/6/10/12mm | 1.8mm | 6mm | 8mm | 3/4/5/6mm | See drawing | See drawing |
| Custom Options | AR coating Optical bonding | Optical bonding | Dustproof, Waterproof, Anti-glare, Safe touch | Optical bonding, Tough touch | AR coating, Glass painting, Customer logo, 10points touch (21.5", 23", 24"), Optical bonding | 2points, AR coating, Optical bonding | Extended cover glass Back printing Whole cutting |

System/Electrical Features

| System / Electrical | Spec | Unit / Notes |
|---------------------------------|---|---|
| Power Consumption | 35W | Typical consumption at standard brightness and temperature |
| Power Supply | 12V / 3.5A | External DC power brick (included) Input voltage : +12VDC±5% External Adapter: 100-240 VAC, 50-60 Hz |
| Video Input (available options) | <input checked="" type="checkbox"/> VGA <input checked="" type="checkbox"/> DVI <input checked="" type="checkbox"/> HDMI <input checked="" type="checkbox"/> COMPOSITE <input checked="" type="checkbox"/> USB <input checked="" type="checkbox"/> DisplayPort | Native resolution. Other resolutions supported by A/D card scaling |
| On-screen Display (OSD) | 5- keys Menu Functions | Menu / up / down / enter / Power ON-OFF Brightness, Contrast, Screen Setting, Colour Temp, Language OSD Settings, VGA/DVI, Recall, Auto Adjust |

Mechanical Features

| Mechanical | Spec | Notes |
|------------------------|---------------------------------|--|
| Overall size | 658.7 x 399.4 x 43.8mm | ProFlat |
| Active Area Size | 597.60 (H) x 336.15 (V) ± 0.5mm | |
| Case / Bezel color | Black or White powder coat | Custom colour and finishes available |
| Weight | 9.59kg | Typ .inc touch |
| VESA Mounting Options: | 75 x 75, 100 x 100mm | For User defined mounting requirements contact rep |

Environmental Features

| Environmental | Spec |
|------------------|--|
| Operating Temp | 0 to +40° C |
| Storage Temp | -20 to +60° C |
| Humidity | 90% RH |
| Vibration | 1.5G, (10~200Hz, P-P) 30 mins/axis (X, Y, Z) |
| Agency Approvals | CE, FCC, RoHS |

Ordering Information

| Model Name | Description |
|--------------------|--|
| IDP-31270WP30DPB1G | 27.0" wide industrial black ProFlat monitor with 10 points PCT touchscreen, 300 cd/m ² brightness, VGA & DVI & HDMI & DisplayPort input |

Accessory Package

- Power supply (110V-240V), UK/EU/US power cord, VGA cable, DVI cable, HDMI cable, DisplayPort cable, USB cable for touch function

All Advantech monitors are configurable to order. Use www.advantech.com for guidance on versions, pricing and deliver for all models

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru