

DSD-3042

42" F-HD Digital Signage & Touch Monitor

Preliminary



Features

- 42" LCD supports F-HD resolution 1920 x 1080
- High brightness of 500 cd/m²
- Backlight: LED
- High contrast ratio of 4000:1
- Low power consumption 120 W
- Quick response time 8 ms
- Wide viewing angle 178 / 178 degrees
- Speaker: 10W x 2
- Backlight life time: 50000 hrs
- Display colors: 1073 M colors
- Optional Touch: Optical touch, multi-touch

Introduction

The Advantech DSD-3042 series comes with a 42" 500 cd/m² industrial grade digital signage monitor. The series is also available with flexible optional stand base & optical touch. DSD-3042 series supports 4000:1 high contrast ratio with low power consumption at the maximum consumption of 120W. DSD-3042 provides superior performance for semi-outdoor or indoor applications.

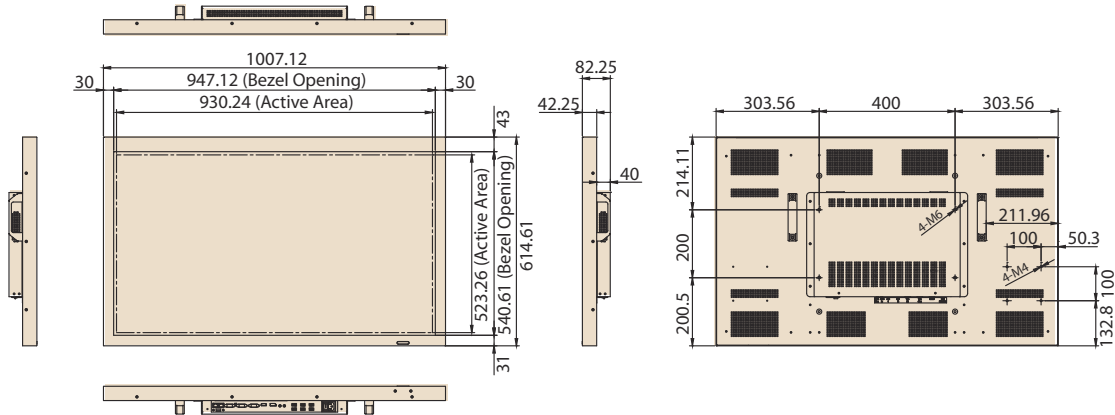
Specifications

| | | | |
|----------------|-------------------------|---|--------------------------------|
| Display | Model | DSD-3042N-50FHA1E | DSD-3042T-50FHA1E |
| | Display Size | 42" LED backlight panel | 42" LED backlight panel |
| | Resolution | 1920 x 1080 (F-HD) | 1920 x 1080 (F-HD) |
| | Viewing Angle (U/D/L/R) | 89°/89°/89°/89° | 89°/89°/89°/89° |
| | Brightness | 500 (cd/m ²) | 500 (cd/m ²) |
| | Contrast Ratio | 4000 : 1 | 4000 : 1 |
| | Response Time (ms) | 8 | 8 |
| | Colors | 1073 M | 1073 M |
| | Backlight Life (hrs) | 50,000hrs | |
| System | Power input | 100~240 V | 100~240 V |
| | Consumption | 120 W | 120 W |
| | Interface | VGA, HDMI, Display Port | VGA, HDMI, Display Port |
| | OSD control function | RS-232, RS-485, remote control | RS-232, RS-485, remote control |
| | OSD Language | Simplified Chinese, Traditional Chinese, English, Japanese, French, German, Spanish | |
| | Source auto detect | Yes | Yes |
| Environment | Operating Temperature | 5 ~ 45° C | |
| | Storage Temperature | -20 ~ 55° C | |
| | Humidity | 20 ~ 80%RH | |
| Mechanical | Net weight | 18 Kg | 29 Kg |
| | Gross Weight | 21 Kg | 33 Kg |
| | Dimension (mm) | 961 x 555 x 72.7 | 1007 x 615 x 82 |
| | Packing (mm) | 1140 x 760 x 200 | 1140 x 760 x 250 |
| | VESA Mounting | 400 x 200 (mm) | 400 x 200 (mm) |
| Optional Touch | Interface | N/A | USB 2.0 |
| | Touch type | N/A | Optical touch |
| | Multi touch | N/A | 2 points |

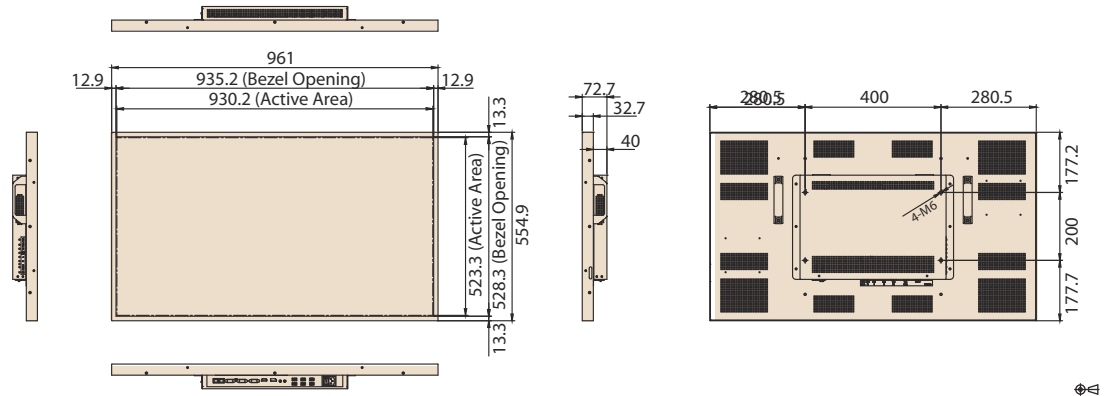
Dimensions

Unit: mm

DSD-3042T-50FHA1E



DSD-3042N-50FHA1E



Ordering Information

| Part No. | Size | Brightness (cd/m ²) | Interface | Touch screen | Touch Interface |
|-------------------|------|---------------------------------|-------------------------|---------------|-----------------|
| DSD-3042N-50FHA1E | 42" | 500 | VGA, HDMI, Display Port | N/A | N/A |
| DSD-3042T-50FHA1E | 42" | 500 | VGA, HDMI, Display Port | Optical touch | USB |

Packing List

| Item Name | Description |
|----------------|----------------------|
| HDMI cable | 1.8 M |
| US Power Cord | 1.8 M |
| USB cable | 1.8 M |
| Remote Control | IR remote controller |

Optional Items

| Part Number | Description |
|-------------|---------------------------|
| 1700000596 | China Power Cord |
| 1700018705 | Europe Power Cord |
| 1702031801 | Power cable UK Plug 1.8 M |