DynaScan



49" HIGH BRIGHTNESS 5,500 NITS LCD WITH NARROW BEZEL

The DS491LT6 is a full HD 49-inch high brightness LCD producing a 5,500 nit sunlight viewable image. The DS491LT6 has been designed for applications in bright environments such as outdoor enclosures and storefront windows.

A narrow 8.5 mm bezel makes this model ideal for either single display or video wall applications. Each screen is individually color calibrated to the D65 color standard to ensure uniformity among multiple displays.

The DS4941LT6 features an integrated Android™ based media player with WiFi offering users a complete media platform, allowing playback of local files and USB/SD card media.











SUNLIGHT VIEWABLE

NARROW

ANDROID

POLARIZED LENSES OK

PORTRAIT & LANDSCAPE

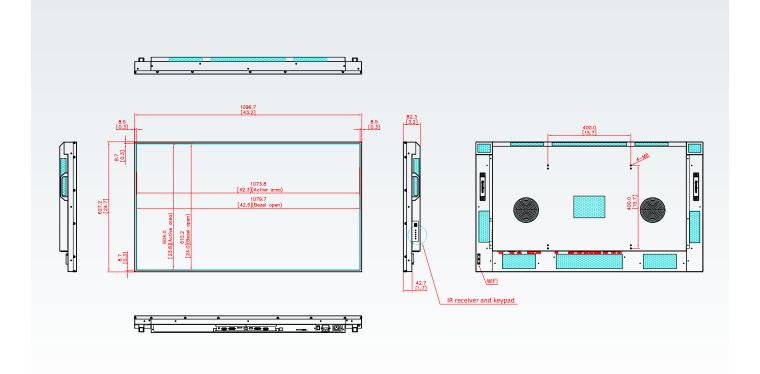
APPLICATIONS

- STORE FRONT WINDOWS
- TRANSPORTATION
- FINANCIAL INSTITUTIONS
- OUTDOOR ENCLOSURES
- DIGITAL ADVERTISING

SPECIFICATIONS

| PANEL | LCD Panel Type | 48.5 inches LCD |
|----------------|------------------------------|---|
| | Native Resolution | 1920 x 1080 |
| | Backlight | LED |
| | Brightness | 5500 nit |
| | Default Color Temperature | D65 (6500 K) |
| | Contrast Ratio | 3,000:1 |
| | Color Depth | 10 bit |
| | Response Time | 8 ms (typ) |
| | Viewing Angle | 178° / 178° |
| | Light Life Time | 100,000 hrs (typ.) |
| | Blackening Defect Free | Up to 110°C (230°F) |
| | Panel Surface | AR, Haze <2%, 2H, QWP |
| POWER | Power Supply | Internal |
| | Rated Voltage | 100 V ~ 240 V, 50 Hz / 60 Hz |
| | Power On Mode | 185 W (typ), 340 W (max) |
| | Power Saving Mode | < 1 W |
| MECHANICAL | Bezel Width (T/B/L/R) | 8.7 / 8.7 / 8.5 / 8.5 mm |
| | Cabinet Color | Black |
| | Monitor Dimension (LxHxD) | 1096.7 x 627.2 x 82.5 mm [43.1" x 24.7 x 3.2"] |
| | Monitor Weight (set/package) | 20.9 kg / 28.0 kg [46 lb / 62 lb] |
| | VESA Mounting (dimension) | 400 x 400 mm |
| | Orientation | Portrait / Landscape |
| USER INTERFACE | Language | English |
| | Dasiy Chain | DVI, RS-232 |
| | Video Wall | Up to 15 x 15 |
| | Proof of Image Retention | Yes |
| | Dimming Control (DCR) | Yes |
| | On/Off Scheduling | Yes |
| | Ambient Light Sensor | Yes |
| | External Control | RS-232 (In/Out), RJ45 |
| | Internal Temperature Sensor | Yes |
| I/O PORTS | HDMI | In (x1), Out (x1) |
| | DVI-D | In (x1) |
| | DisplayPort | In (x1) |
| | RS-232 | In (x1), Out (x1) |
| | RJ-45 | In (x1) |
| | Audio | Out (x1) |
| | USB 2.0 | (x1) |
| | SD Slot | (x1) |
| ENVIRONMENT | Operating Temperature | 0°C ~ 45°C (32°F ~ 113°F) |
| | Storage Temperature | -20°C ~ 60°C (-4°F ~ 140°F) |
| | Humidity | 10% ~ 80% RH Non-condensing |
| ACCESSORIES | Included | Quickstart guide, Power cable, Remote control with batteries |
| CERTIFICATION | CE / FCC Class B / ROHS | • |

DIMENSIONS



INTERNAL PLAYER

| INTERNAL PLAYER | Operating System | Android 4.4.2 |
|-----------------|-----------------------|--|
| | Processor | ARM Cortex-A9 1.6 GHz, Quad-Core CPU |
| | On Chip Cache Memory | L2: 512KB |
| | Clock Speed | 1.6 GHz |
| | Main Memory Interface | 1GB DDR3/3L (1600MHz) |
| | Graphics | 600M ARM Mali400MP4,2D/3D graphic engine, support OpenGL ES1.1/2.0, Open VG1.1 |
| | Storage (FDM) | 8GB NAND Flash(2GB occupied by o/s, 6GB available depending on total capacity |
| | Multimedia | H.264 encoder/decoder, MPEG-1/2/4, H.263, H.264 MVC, AVS, VC-1, VP8/6, RV |



FEATURES



Sunlight Viewable Image

With a 5,500 nit brightness rating, the display can easily be viewed in direct sunlight applications.



Blackening Defect-free

High Tni panel prevents blackening when exposed to high temperatures.



Viewable with **Polarized Lenses**

Utilizes quarter-wave plate technology to allow for viewing with polarized sunglasses.



24/7 Operation

Designed for worryfree round-the-clock operation.



True Color Calibration

Every display is factory calibrated to the D65 CIE color standard to product a natural looking image.



Thermal Management

Heat generated by the display is radiated away from high temperature areas.



Automatic Brightness Control

A light sensor measures the ambient light in the area and automatically adjusts the image accordingly.



Brightness & Color Guaranteed

Guaranteed color and brightnessdegradation of no more than 9% over 5 years of continuous use.







