49" HIGH BRIGHTNESS 3500 NIT LCD WITH NARROW BEZEL
MODEL DS491LT4

The DS491LT4 is a full HD 49-inch high brightness LCD featuring an LED backlight producing a 3,500 nit sunlight viewable image. The DS491LT4 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 DS491LT4 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.

Key Features
- 3,500 nit Maximum Brightness
- LED Backlit with Local Dimming
- Fanless Thermal Management
- 1920 x1080 Full HD Native Resolution
- Viewable with Polarized Sunglasses
- 8.5 mm Bezel Width
- Integrated Android media player

Screen image simulated.
Android is a trademark of Google Inc.
The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.
49" HIGH BRIGHTNESS 3500 NIT LCD WITH NARROW BEZEL
MODEL DS491LT4

PANEL
LCD Panel Type 48.5 inches IPS LCD
Native Resolution 1920 x 1080
Backlight LED
Brightness 3500 nit
Default Color Temperature D65 (6500 K)
Contrast Ratio 3,000:1
Color Depth 10 bits
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, Quarter-wave Plate

POWER
Power Supply Internal
Rated Voltage 100 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode 160 W (typ), 230 W (max)
Power Saving Mode < 1 W

MECHANICAL SPECS
Bezel Width (T/B/L/R) Even bezel 8.5 mm
Cabinet Color Black
Dimension (LxHxD, w/o stand) 1096.7 x 627.2 x 82.7 mm
Weight (set/package) 19.6 kg / 27 kg
VESA Mounting (dimension) 400 x 400 mm
Orientation Portrait / Landscape

USER INTERFACE
Language English
Daisy Chain DVI, RS-232
Proof of Image Retention Yes
Dimming Control (DCR) Yes
Built-in Video Wall Support Up to 15x15
ID Setting for Daisy Chain Yes
On/Off Scheduling Yes
Ambient Light Sensor Yes
Total Turn-on time Yes
Internal Temperature Sensor Yes
Network Control RS-232(IN/Out), RJ45
OSD Menu Rotation Yes
Carrying Handles Yes
Fanless design Yes

I/O PORTS
DVI-D In (x1), Out (x1)
Display Port In (x1)
HDMI In (x1)
RS-232 In (x1), Out (x1)
RJ-45 In (x1)
Audio Out (x1)
USB USB2.0 for Internal Player*

ENVIRONMENT
Operating Temperature 0° C ~ 40° C
Storage Temperature -20° C ~ 60° C
Humidity 10% ~ 80% RH Non-condensing

INTERNAL PLAYER
Processor ARM Cortex-A9 1.6 GHz, Quad-Core CPU
On chip cache memory L2: 512KB
Clock speed 1.6GHz
Main memory interface 1GB DDR3/3L (1600MHz)
Graphics 600M ARM Mali400MP4,2D/3D graphic engine, support OpenGL ES1.1/2.0, OpenVG1.1
Storage (FDM) 8GB NAND Flash2GB 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
IO ports USB 2.0, SD slot
Operating system Yes

For more information, contact DynaScan:
info@dynascandisplay.com
www.dynascandisplay.com

All specifications subject to change without notice.