IP 5X | Ultra Slim | Color Calibrated | IPS Technology | Fanless Cooling

55" HIGH BRIGHTNESS 1000 NIT FANLESS LCD WITH NARROW BEZEL

MODEL DI551ST2

The DI551ST2 is a 55"premium professional LCD for indoor applications. The display features a FHD 55-inch IPS LCD with a high brightness LED backlight producing an 1000 nit image. The DI551ST2 is IP5X rated for protection from dust and debris and features a fanless thermal management system for virtually silent operation. With an ultra-slim 29 mm form factor, the display is ideal for ADA-compliant applications. Each screen is individually color calibrated to ensure excellent color quality and uniformity. The DI551ST2 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.
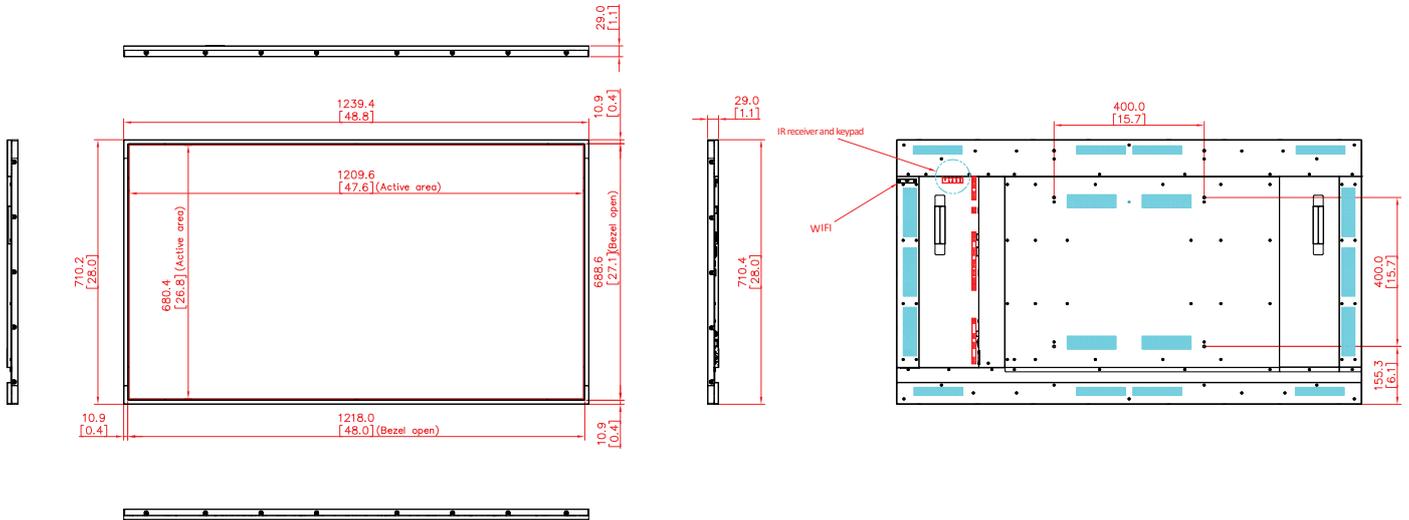
Screen image simulated.
Android is a trademark of Google Inc.
The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

Key Features

- 1000 nit Brightness
- Full HD 1080p
- Fanless Thermal Management
- Integrated Android™ Media Player
- Ultra slim 29 mm Thickness
- IPS Technology
- LED Backlit with Local Dimming
- D65 Color Calibrated
- IP5X Dust Resistance

55" HIGH BRIGHTNESS 1000 NIT FANLESS LCD WITH NARROW BEZEL

MODEL DI551ST2

PANEL

LCD Panel Type	54.64 inches IPS LCD
Native Resolution	1920 x 1080
Backlight	LED
Brightness	1000 nit
Default Color Temperature	D65 (6500 K)
Contrast Ratio	3,000:1
Color Depth	8 bits
Response Time	9 ms (typ)
Viewing Angle	178° / 178°
Light Life Time	100,000 hrs (typ.)
High Tni Panel	Up to 110°C (230°F)
Panel Surface	AR, Haze 1.5%, 2H

POWER

Power Supply	Internal
Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode	105 W (typ), 150 W (max)
Power Saving Mode	< 1 W

MECHANICAL SPECS

Bezel Width (T/B/L/R)	Even bezel 10.9 mm
Cabinet Color	Black
Dimension (LxHxD, w/o stand)	1240 x 710 x 29 mm
Weight (set/package)	20kg / 24kg
VESA Mounting (dimension)	400 x 400 mm
Orientation	Portrait / Landscape

USER INTERFACE

Language	English
Internal Player	Yes (compatible with HTML5)
Proof of Image Retention	Yes
Dimming Control (DCR)	Yes
Support SNMP	Yes (upto Version 3.0)
Dust resistant design	Yes (IP5X)
On/Off Scheduling	Yes
Ambient Light Sensor	Yes
Total Turn-on time	Yes
Internal Temperature Sensor	Yes
Network Control	RS-232(IN/Out), RJ45, Embedded Wifi
Auto Orientation Sensor	Yes
Carrying Handles	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	In (x1), Out (x1)
USB	USB2.0 for Internal Player
SD Slot	SD Slot 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
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, Open VG1.1
Storage (FDM)	8GB NAND Flash(2GB occupied by o/s, 6GB available depending on total
Multimedia	H.264 encoder/decoder, MPEG-1/2/4, H.263, H.264 MVC, AVS, VC-1,
IO ports	USB 2.0, SD slot
Operating system	Android 4.4.2

For More Information, Contact DynaScan:

Email: info@dynascandisplay.com
Online: www.dynascandisplay.com