Fanless Cooling

Color Calibrated

HD 1080p

Narrow Bezel

Ultra Bright

55" HIGH BRIGHTNESS 3500 NIT FANLESS LCD WITH NARROW BEZEL

MODEL DS552LT4-1

The DS552LT4-1 is a 55 inch ultra high brightness professional LCD with IPS technology. With a brightness rating of 3500 nits, this display features an LED back light for incredible, high contrast picture quality and low power consumption. The DS552LT4-1 features a 21.8 mm bezel-to-bezel width, perfect for video wall applications in bright environments.The display 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.
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Key Features

- 3500 nits Brightness
- Fanless Thermal Management
- Integrated Android Media Player
- LED Backlit
- Blackening Defect Free in Direct Sunlight
- Fanless Thermal Management
- 1920 x1080 Full HD Native Resolution
- 10.9 mm Bezel Width

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MODEL DS552LT4-1

PANEL

LCD Panel Type	54.64 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	8 bits
Response Time	9 ms (typ)
Viewing Angle	178° / 178°
Light Life Time	50,000 hrs (typ.)
Blackening Defect Free	Up to 110°C (230°F)
Panel Surface	AR , 2H

POWER

Power Supply	Internal
Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode	160 W (typ), 240 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 87.7 mm
Weight (set/package)	27.5kg / 32.5kg
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 desing	Yes
Polarized sunglasses support	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 Card Slot	For Internal Player*

ACCESSORIES

Included Accessories	Power Cord, Remote controller, ESK302, QSG

ENVIRONMENT

Operating Temperature	0° C ~ 45° C
Storage Temperature	-20° C ~ 60° C
Humidity	10% ~ 80% RH Non-condensing

CERTIFICATION

CE / FCC ClassB / ROHS	

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, Open VG1.1
Storage (FDM)	8GB NAND Flash(2GB occupied by o/s, 6GB available depending on
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

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WITH NARROW BEZEL
MODEL DS552LT4-1

1239.4 [48.8]
10.9 [0.4]
1209.6 (Active area) [47.6]
688.4 (Bezel open) [27.1]
710.2 [28.0]
680.4 (Active area) [26.8]
10.9 [0.4]
1217.6 (Bezel open) [47.9]
10.9 [0.4]
87.7 [3.5]
400.0 [15.7]
400.0 [15.7]