



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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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 | 100,000 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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