



## 55" High Brightness 7000 nit LCD with Narrow Bezel

### Model DS551LT7

The DS551LT7 is a 55-inch ultra-high bright professional LCD with IPS technology. With a maximum brightness rating of 7,000 nits, this display features a local dimming LED back light technique for incredible, high contrast picture quality and low power consumption.

The DS551LT7 features a 9.9 mm bezel width, perfect for video wall applications in bright environments. Designed for use in direct sunlight, the specially designed LCD panel prevents "blackening defect".

Screen image simulated.

### Key Features

- 7,000 nit Maximum Brightness
- LED Backlit with Local Dimming
- Blackening Defect Free in Direct Sunlight
- 1920 x 1080 Full HD Native Resolution
- 9.9 mm Bezel Width

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### PANEL

LCD Panel Type	54.64 inches LCD
Native Resolution	1920 x 1080
Backlight	LED
Brightness	7000 nit
Default Color Temperature	D65 (6500 K)
Contrast Ratio	3,000:1 (static)
Response Time	12 ms (typ)
Viewing Angle	178° / 178°
Light Life Time	50,000 hrs (typ.)
Blackening Defect Free	Up to 110°C (230°F)
Panel Surface	AG Haze 10%, 3H

### POWER

Power Supply	Internal
Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode	570 W (typ), 950 W (max)
Power Saving Mode	< 1 W
AC Out	< 100 W

### MECHANICAL SPECS

Bezel Width (T/B/L/R)	9.9 / 9.9 / 9.9 / 9.9 mm
Cabinet Color	Black
Monitor Dimension (LxHxD, w/o stand)	1240 x 710 x 125 mm
Monitor Weight (set)	75 kg
VESA Mounting (dimension)	400 x 400 mm, 800 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, RJ45
OSD Menu Rotation	Yes
Carrying Handles	Yes

### I/O PORTS

DVI-D	In (x1), Out (x1)
RS-232	In (x1), Out (x1)
RJ-45	Optional w/ A-D Converter Box
Component	Optional w/ A-D Converter Box
S-Video	Optional w/ A-D Converter Box
Composite	Optional w/ A-D Converter Box

### ACCESSORIES

Remote Control	Yes
Users Guide / Driver CD-ROM	Yes
Video Cable	DVI
Power Cable	Yes

### ENVIRONMENT

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

### CERTIFICATION

CE / FCC / ROHS	
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All specifications subject to change without notice.

