



55" 3000 nit LCD with Super Narrow Bezel

Model DS551LX4

The DS551LX4 combines the benefits of a high bright display with a super narrow bezel for tiled video wall applications. This model features a full HD 55-inch IPS LCD with a high brightness backlight producing up to a 3,000 nit image. Each screen comes individually color calibrated for exceptional color quality and uniformity among multiple displays. With an ultra slim 3.5 mm bezel-to-bezel width, screens can be placed side by side in a video wall matrix to create near seamless image.

Screen image simulated.

Key Features

- Super narrow bezel for video walls
- High brightness 3,000 cd/m²
- IPS panel for superior color uniformity
- D65 color calibrated
- Built-in video wall daisy-chaining
- Direct LED backlit with local dimming
- *EvenGlow* uniform backlighting
- Blackening defect-free
- Portrait and landscape orientation

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PANEL

| | |
|---------------------------|------------------------------------|
| LCD Panel Type | 54.64 inches IPS LCD |
| Native Resolution | 1920 x 1080 |
| Backlight | Direct LED |
| Brightness | 2500 nits (typ), 3000 (max) |
| Default Color Temperature | D65 (6500 k) |
| Contrast Ratio | 3,000:1 (static) 1,000,000:1 (dyn) |
| Response Time | 12 ms (typ) |
| Viewing Angle | 178° / 178° |
| Light Life Time | 100,000 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 | 300 W (typ), 500 W (max) |
| Power Saving Mode | < 1 W |
| AC Out | < 100 W |

MECHANICAL SPECS

| | |
|--------------------------------------|------------------------------|
| Bezel Width (T/B/L/R) | 1.25 / 2.25 / 2.25 / 1.25 mm |
| Cabinet Color | Black |
| Monitor Dimension (LxHxD, w/o stand) | 1213.4 x 684.2 x 110.5 mm |
| Monitor Weight (set/package) | 40 kg / 46 kg |
| VESA Mounting (dimension) | 400 x 400 mm / 600 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, RS-485 (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 | 1 |

ACCESSORIES

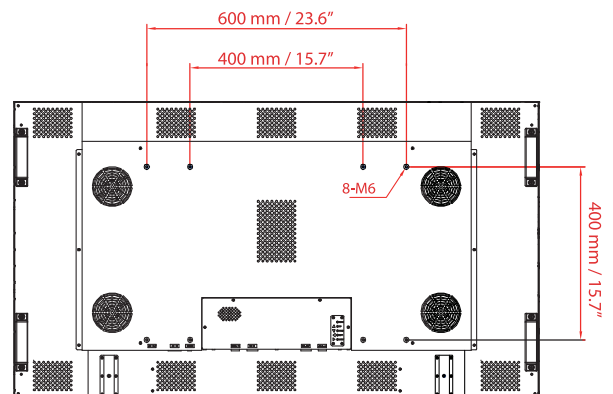
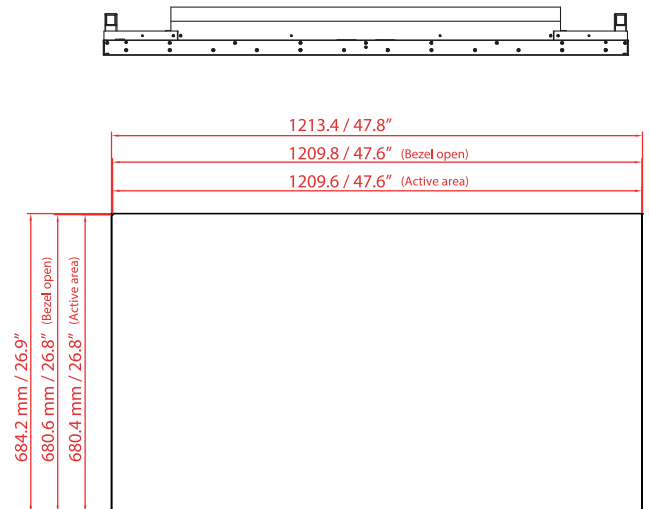
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|-----------------------------|-----|
| Remote Control | Yes |
| Users Guide / Driver CD-ROM | Yes |
| Video Cable | DVI |
| Power Cable | Yes |

ENVIRONMENT

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

CERTIFICATION

| | |
|-----------------|--|
| CE / FCC / ROHS | |
|-----------------|--|



110.5 mm / 4.4"

For More Information, Contact DynaScan:

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All specifications subject to change without notice.