55" Dual-Sided
High Brightness LCD
MODEL DS551DR4

DynaScan introduces a revolutionary leap for in-window display technology. The DS551DR4 is a dual-sided professional ultra-high brightness LCD. This all-in-one solution features back-to-back display surfaces in a single, ultra-slim form factor. With a sunlight viewable 3000 nit side and a 1000 nit brightness side on the reverse, the DS551DR4 is an ideal fit for in-window applications. Every display is factory color calibrated for remarkable color reproduction, high contrast and superb picture quality.

An included 1 meter base stand provides a custom tailored contemporary mounting solution.

The DS551DR4 includes two integrated Android™-based media players for simultaneous playback of independent or duplicate video content and dual HDMI inputs.

IPS Technology   **HIGH BRIGHT**   **Color** Calibrated   **HD** 1080p

Key Features

- Dual sided design
- Ready-to-go solution; no further integration needed
- Brightness: 3000 nit front, 1000 nit rear
- IPS panels
- Blackening defect free in direct sunlight
- Two integrated media players
- 1920x1080 Full HD native resolution
- All metal construction

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MODEL DS551DR4

PANEL

LCD Panel Type	54.64 inches IPS LCD (x2)
Native Resolution	1920 x 1080
Backlight	LED
Brightness	1000 nit / 3000 nit
Default Color Temperature	D65 (6500K)
Contrast Ratio	3000:1
Color Depth	8 bit
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 1.5%, 2H

POWER

Power Supply	Internal
Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
Power On Mode	240 W (typ), 380 W (max)
Power Saving Mode	<1 W

MECHANICAL SPECS

Bezel Width (T/B/L/R)	68 / 68 / 68 / 68 mm
Cabinet Color	Black
Monitor Dimension (LxHxD, w/o stand)	1353.8 x 824.3 x 62.7 mm
Monitor Weight (set/package)	49 kg / 54 kg
Stand Dimension (WxDxH)	998 x 398 x 1048 mm (package)
Stand Weight (set/package)	35 kg / 41 kg

USER INTERFACE

Language	English
Proof of Image Retention	Yes
Dimming Control (DCR)	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

I/O PORTS

HDMI	2
USB	2
RS-232	1
RJ-45	2

ACCESSORIES

Included Accessories	Power cord, Remote controller, batteries

ENVIRONMENT

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

CERTIFICATION

CE / FCC Class B / ROHS

INTERNAL PLAYERS

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 total capacity
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 (x2), SD slot (x2)
Operating system	Yes

DynaScan Technology, Inc.

All specifications subject to change without notice.

www.dynascandisplay.com