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.

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

Android is a trademark of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.
# 55" Dual-Sided High Brightness LCD
## 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°
- **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 (LxHxW, w/o stand)**: 1353.8 x 62.7 x 824.3 mm
- **Monitor Weight (set/package)**: 35 kg / 41 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
- **Internal Temperature Sensor**: Yes
- **Network Control**: RS-232, RJ45
- **OSD Menu Rotation**: Yes

### IO 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