

# LN-S4696D

46" Wide HDTV with Integrated DCR Tuner



Samsung's sleek 46" LCD leads the industry in realistic home entertainment. With its 6000:1 dynamic contrast ratio, over two million pixel resolution, Cold Cathode Fluorescent Lamp, S-PVA Panel, and 10-bit processor with 12.8 billion colors, the LN-S4696D delivers a picture of startling clarity that rivals real life. The new, optimized game mode and fast 8ms response time will thrill Xbox fans with its movie-like visuals. The audio system is equally impressive, with hidden bottom speakers that offer SRS TruSurround XT™ sound. The LN-S4696D comes with a Digital Cable Ready tuner and CableCARD slot, and offers connectivity over a wide range of digital A/V peripherals. A 178° viewing angle and convenient swivel stand let you enjoy shows from anywhere in the living room, den or great room.

## TV/Video

- 1920 x 1080p
- HD-grade 1920(H) x 1080(V) pixel resolution
- Widescreen aspect ratio
- 6000:1 dynamic contrast ratio
- S-PVA panel
- 178°(H)/178°(V) viewing angle
- CCFL – Cold Cathode Fluorescent Lamp (92% NTSC color gamut)
- 10-bit processor with 12.8 billion colors
- Digital Cable Ready (DCR) tuner with CableCARD slot
- Built-in digital tuner (ATSC)
- Fast 8ms response time
- New optimized game mode
- Swivel stand

## Audio

- "Hidden" bottom speakers
- SRS TruSurround XT™
- Watts per channel: 10W x 2

## Connections

- 2 HDMI – High Definition Multimedia Interface
- Component video input (Y,Pb,Pr) (480i/480p/720p/1080i)
- IEEE1394
- S-video and composite video inputs
- Side A/V inputs
- PC (RGB) input
- USB 1.1
- VESA® compatible



All features, specifications, and model numbers subject to change.  
All on screen images are simulated pictures.

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## Features

**HDMI** allows for the transmission of both video and audio digital signals through a single connection for higher quality and fewer wires.

**HD-grade 1920(H) x 1080(V) pixel resolution:** High resolution pixel density with built-in image scaler to handle inputs from a variety of digital\* and analog audio/video sources.

### Widescreen aspect ratio

**6000:1 dynamic contrast ratio**  
Samsung's S-PVA screen enables brighter whites, deeper blacks and every shade in between. It's higher contrast ratio provides an abundant palette of perfect colors.

### S-PVA panel

**178°(H)/178°(V) viewing angle** improves viewing angle, contrast, and brightness to provide an even better picture.

**CCFL—Cold Cathode Fluorescent Lamp** (92% NTSC color gamut) provides colors in your picture that were not available before.

**10-Bit processor** with 12.8 billion colors

**Digital cable ready (DCR) tuner with CableCARD slot:** Use your Samsung TV's remote control to enjoy the world of digital cable and HDTV. CableCARD means that your TV connects directly to your cable signal without the need for a separate cable box. Simply plug your cable company supplied CableCARD into the slot in your Samsung TV, connect your signal and you're ready to go.

**Game mode** enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

**Side A/V ports** provides easy connections so you can connect a camcorder, digital camera, or any other digital device with no hassles.

**Built-in digital tuner (ATSC)** receives over-the-air (terrestrial) HD signal<sup>1</sup>.

**Progressive scan** eliminates the flicker that you see on traditional, interlaced scanning TVs.

**Stereo broadcast reception:** (MTS)

**SRS TruSurround XT™** is a patented SRS technology that solves the problem of playing 5.1 multichannel content over two speakers. TruSurround delivers a compelling, virtual surround sound experience through the two-speaker internal playback system.

**Still picture**

**Response time:** 8 ms response time minimizes blurring of moving video.

**Swivel stand** provides +/-15° of control to allow everyone in the room to watch TV without moving it.

**Picture-in-picture (PIP)** enables convenient simultaneous viewing of TV programs and video or PC sources.

**Clock on/off timer:** Perfect solution to wake up to your favorite morning show, or set a time to turn off the TV so it doesn't stay on all night. Can also be used when you're out.

**V-Chip System<sup>1</sup>** allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

### Auto channel search

**Multi-lingual on-screen displays** in English, Spanish or French.

**Variable sleep timer** to turn the TV off in varying time intervals.

### Auto power off

**Removable stand and VESA compatible hole mounts:** If you want to install your TV on your wall, you can easily remove the stand and use a VESA compatible wall mount to safely and stylishly attach your TV to the wall.

**Auto volume leveler** keeps audio volume consistent during channel changing.

## Connections

**R/F input:** 2 (air/cable)

**Component video input (Y,Pb,Pr)** (480i/480p/720p/1080i): 2

### Side A/V Inputs

**S-Video inputs:** 1-side, 1-rear

**Composite video input:** 1-side

**HDMI:** 2

**PC (RGB) input:** 1

**Sound monitor out:** 1

**Optical sound out:** 1

**IEEE 1394/USB** for easy connection to all of your digital devices

**Stereo headphone jack:** 1-side

## Warranty

**1 year parts and labor warranty** (90 days parts and labor for commercial use), backed by Samsung toll-free support.

## Specifications

**Panel:** Wide (16:9) LCD

**"Hidden" bottom speakers**

**TV system:** American NTSC standard color

**Channel coverage:** VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

**Antenna:** CATV/VHF/UHF 75-ohm, F-type

**Watts per channel:** 10W x 2

**System power:** 110V

**VESA® compatible:** 600 x 400

**Response time:** 8ms

## Net dimensions & weight (WxHxD)

**Monitor without stand:**

44.5" x 28.8" x 4.2"

**Monitor with stand:** 44.5" x 31.0" x 12.8"

**Weight:** 77.2 lbs.

## Shipping dimensions (WxHxD)

**Dimensions:** 49.2" x 36.8" x 17.1"

**Weight:** 94.8 lbs.

## Order code

LNS4696DX/XAA

## UPC

036725246614

<sup>1</sup>Feature dependent upon broadcasting of information by local off-air TV and cable channels.

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