



LCD Flat Panel TV
2005 Wide Screen Collection
23"/26"/32"/40"



Slim, light and beautiful, Samsung's LCD Flat Panel TVs combine sleek looks and high performance. These HDTV-ready and HDTV sets let you enjoy regular TV and display HDTV images from any High-Definition source. Our 40" model is HD-integrated with an ATSC tuner, and thanks to CableCARD™ technology, you can watch digital cable without a set-top box or separate remote.* Samsung's Patterned Vertical Alignment (PVA) screens provide high contrast and brightness for lifelike images with realistic colors and astounding detail. Samsung LCD Flat Panel TVs combine form and function for a remarkable experience.



*Two-way cable functions like Pay-Per-View and Video-On-Demand require a cable box. CableCARD™ is provided by your cable service provider.



Thin and beautiful,
any way you look at it.
Samsung LCD TV

- HD-Grade 1366(H) x 768(V) Pixel Resolution
- 3,000:1 Dynamic Contrast Ratio
- 500 cd/m² Brightness
- Samsung DNIe™ (Digital Natural Image engine)
- Digital Cable Ready (DCR) Tuner with CableCARD™ slot*
- ATSC terrestrial tuner*
- 170°(H)/170°(V) Viewing Angle
- Fast 12ms Response Time
- 3D Y/C Digital Comb Filter
- Brightness Sensor
- SRS TruSurround XT™
- HDMI, 2 Component Video, S-Video, PC Inputs and more
- Anynet™ System Control Solution
- VESA® compatible

* LN-R408D only



LN-R408D

40"



LN-R328W

32"



LN-R268W

26"



LN-R238W

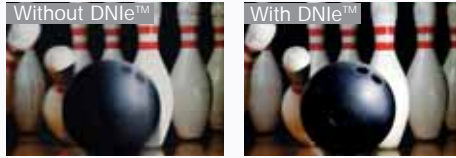
23"

Samsung's DNle™

Samsung's revolutionary DNle™ technology offers digital perfection in naturally presented, crystal-clear images that uncover even the most minute detail.

Motion Optimizer

Fast-moving images are optimized to produce more natural-looking motion, thus reducing video noise or blurring.



Contrast Enhancer

Brightness and contrast levels are enhanced for deeper, richer blacks with greater detail and more natural whites.



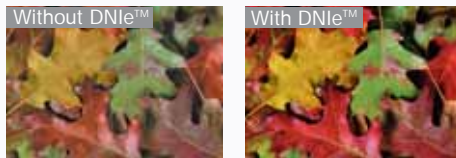
Color Optimizer

Colors are reproduced with a more lifelike realism, whites are more accurate, and skin tones are given a more natural hue.

DNle™



Digital Natural Image engine



Detail Enhancer

DNle analyzes video signal elements to produce sharper detail, clearer image separation, and more natural edge transition.



My Color Control

Samsung's patented "My Color Control" technology allows you to control specific colors without affecting the whole screen. Now, Samsung provides six-color control selections: white, red, pink, yellow, green and blue. It's your picture – you decide.



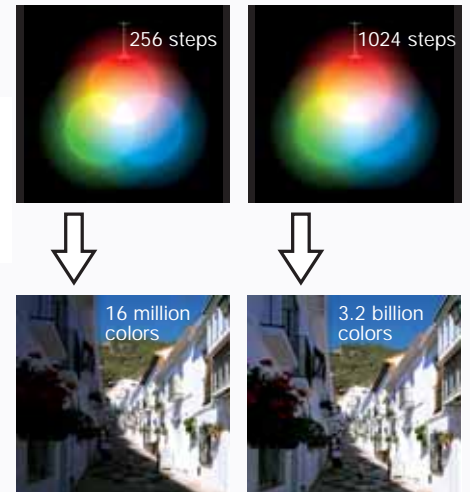
Advanced Picture Quality

Dynamic Contrast 3000:1

Samsung's PVA screen enables brighter whites, deeper blacks and every shade in between. Its higher contrast ratio provides an abundant palette of perfect colors.

Samsung's 10-bit processing method produces 3.2 billion lifelike colors to ensure a more natural and vivid picture and aids in video signal processing of analog sources.

10-BIT
10-bit processing



To the left, to the right, even upside-down, Samsung's 170-degree vertical and horizontal wide-viewing screen solution ensures easy viewing from any angle.

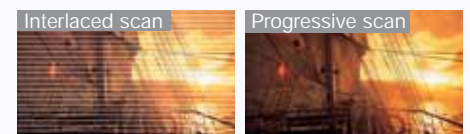
Ultra-Wide Viewing Angle



■ Horizontal Angle - 170° ■ Vertical Angle - 170°

Progressive Scan

Progressive scan virtually eliminates the flicker that you see on traditional, interlaced scanning TVs. Samsung Flat Panel TVs display progressive scan signals with ease from DVD players and HDTV decoders.



Worry-Free Connections



Simply connect your HDTV source to begin enjoying High Definition broadcasts.

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



High Definition Multimedia Interface



HDMI™ Connector



DTV and DVD Compatible

Connect your DVD and DTV sources with two smart component video (Y/Pb/Pr) inputs that accept 480p/720p/1080i signals.

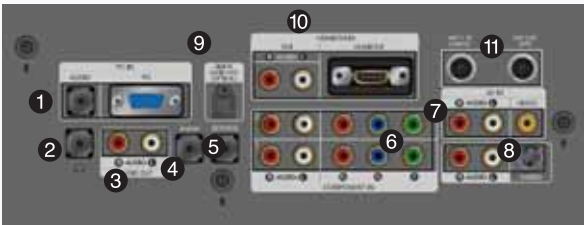


PC Compatible

A Samsung LCD TV can also function as a PC monitor.

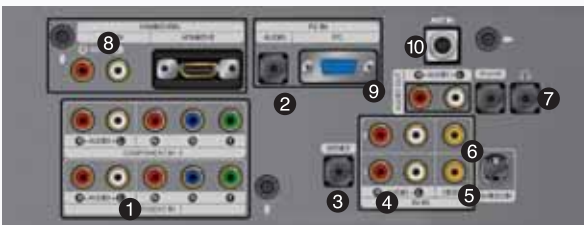
Digital Connectivity

LN-R408D 40"



- | | | |
|-------------------|----------------------|------------------------------|
| 1. PC In | 5. Service Port | 9. Optical Digital Audio Out |
| 2. Headphone Jack | 6. Component In 1, 2 | 10. HDMI In |
| 3. Audio Out | 7. AV In | 11. ANT In 1, 2 |
| 4. Anynet Output | 8. S-Video In | |

LN-R328W 32" LN-R268W 26" LN-R238W 23"



- | | | |
|----------------------|-------------------|--------------|
| 1. Component In 1, 2 | 4. AV In | 8. HDMI In |
| 2. PC In | 5. S-Video In | 9. Audio Out |
| 3. Service Port | 7. Headphone Jack | 10. ANT In |

Home Theater Surround Sound



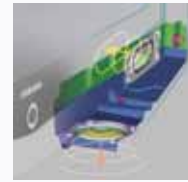
SRS TruSurround XT™

High-quality surround sound can be experienced with just the speakers built into your TV. SRS TruSurround XT technology delivers an amazing, simulated 3-D effect with clear dialog and powerful bass.



DACS (Dual Acoustic Chamber System)

The interior hidden speaker system with DACS (Dual Acoustic Chamber System) simulates dual separate chambers for each speaker to maximize low-range-sound performance and enhance sound clarity.



Convenience



Digital Cable Ready

(LN-R408D only)

Enjoy digital cable and HDTV without a set-top box, thanks to CableCARD™ technology. Your Samsung TV's remote controls it all. Simply plug your cable-company-supplied CableCARD into your TV, connect your signal and you're ready to go.



Brightness Sensor

A built-in brightness sensor automatically detects the ambient light and adjusts the TV's luminance accordingly.

Picture-In-Picture (PIP)

Watch two different sources at once with PIP.



Anynet™ System Control Solution

Samsung Anynet lets you control all of your Anynet-enabled Samsung components through a single TV remote control.



Long Lamp life

Samsung's LCD panels have up to 60,000 hours of lamp life.

VESA® Compatible

All models comply with Video Electronics Standards Association (VESA®) mounting interface standards.

Specifications



| Model | | LN-R408D | LN-R328W | LN-R268W | LN-R238W | |
|-------------------------------------|---------------------------------|--|--|------------------------|------------------------|------|
| Display | Screen Size (Diagonal) | 40" | 32" | 26" | 23" | |
| | Aspect Ratio | 16:9 | 16:9 | 16:9 | 16:9 | |
| | HDTV Tuner | Built-in | ← Monitor → | | | |
| | Panel Type | PVA | PVA | PVA | PVA | |
| | Brightness (cd/m ²) | 500 | 500 | 500 | 500 | |
| | Contrast Ratio | ← 3000:1 (Dynamic Contrast Ratio) → | | | | |
| | Viewing Angle (H/V) | 170°/170° | 170°/170° | 170°/170° | 170°/170° | |
| | Pixel Resolution (H/V) | 1366 X 768 | 1366 X 768 | 1366 X 768 | 1366 X 768 | |
| Picture | Progressive Scanning | Yes | Yes | Yes | Yes | |
| | Digital Comb Filter | Yes (3D) | Yes (3D) | Yes (3D) | Yes (3D) | |
| | Picture Mode | ← Custom/Standard/Dynamic/Movie → | | | | |
| | Color Tone Mode | ← Cool2, Cool1, Standard, Warm1, Warm2 → | | | | |
| Sound | Power Output (RMS) | 10W X 2 | 10W X 2 | 5W X 2 | 3W X 2 | |
| | Special Features | ← SRS TruSurround XT™ → | | | | |
| | Stereo | ← MTS/SAP → | | | | |
| | Sound Mode | ← Standard, Music, Movie, Speech, Custom → | | | | |
| Features | DNLe™ | Yes | Yes | Yes | Yes | |
| | Digital Cable Ready | Yes | No | No | No | |
| | Anynet | Yes | Yes | Yes | Yes | |
| | My Color Control | Yes | Yes | Yes | Yes | |
| | Brightness Sensor | Yes | Yes | Yes | Yes | |
| | V-Chip | Yes | Yes | Yes | Yes | |
| | Split Screen | Yes | Yes | Yes | Yes | |
| | PIP | Yes | Yes | Yes | Yes | |
| | Zoom | ← Wide/Panorama/Zoom 1/Zoom 2/4:3 → | | | | |
| | Closed Caption | Yes | Yes | Yes | Yes | |
| | On-Screen Display | English, French, Spanish | ← English, French, Spanish, Portuguese → | | | |
| | Still Picture (Picture Freeze) | Yes | Yes | Yes | Yes | |
| | Plug & Play | Yes | Yes | Yes | Yes | |
| | Sleep Timer/On/Off Timer | Yes (Max 360 min) | Yes (Max 360 min) | Yes (Max 360 min) | Yes (Max 360 min) | |
| | Auto Power Off | Yes | Yes | Yes | Yes | |
| | Connections | Antenna In | 2 | 1 | 1 | 1 |
| | | HDMI In | 1 | 1 | 1 | 1 |
| Component (Y/Pb/Pr) In | | ← 2 (480i/480p/720p/1080i) → | | | | |
| S-Video In | | 1 | 1 | 1 | 1 | |
| A/V (RCA) In1 | | 1 | ← 2 (1 : S-Video share audio L/R) → | | | |
| Anynet (RS232C) | | 1 | 1 | 1 | 1 | |
| Digital Audio Out (Optical/Coaxial) | | Optical | - | - | - | |
| PC Input | | ← D-sub 15 pin (VGA-WXGA) → | | | | |
| PC Audio In | | Yes | Yes | Yes | Yes | |
| Headphone Out | | Yes | Yes | Yes | Yes | |
| Power | | Consumption on working | 285W | 184W | 140W | 100W |
| | Stand By | <20W | <1W | <1W | <1W | |
| | Input Power | AC 100~120/60 Hz | AC 100~120/60 Hz | AC 100~120/60 Hz | AC 100~120/60 Hz | |
| Wall-mounting | | VESA (200 mm X 200 mm) | VESA (200 mm X 200 mm) | VESA (100 mm X 200 mm) | VESA (100 mm X 200 mm) | |
| Dimension (WxDxH, inches) | Net Dimension without Stand | 38.9 X 4.4 X 27.7 | 31.4 X 3.9 X 23.3 | 26.1 X 3.7 X 19.6 | 23.0 X 3.5 X 17.4 | |
| | Net Dimension with Stand | 38.9 X 13.1 X 30.0 | 31.4 X 9.8 X 25.6 | 26.1 X 8.1 X 21.2 | 23.0 X 8.1 X 19.1 | |
| | Shipping Dimension | 43.5 X 16.0 X 36.5 | 36.0 X 10.2 X 30.3 | 30.3 X 9.7 X 25.3 | 26.8 X 9.3 X 22.8 | |
| Weight (lbs) | Net Weight | 60.0 | 39.0 | 33.1 | 19.0 | |
| | Shipping Weight | 66.1 | 41.0 | 37.0 | 23.0 | |
| UPC | | 036725 2 4080 3 | 036725 2 3283 9 | 036725 2 2688 3 | 036725 2 2380 6 | |
| Energy Star | | No | Yes* | Yes* | Yes* | |



For more information, log on to www.samsung.com

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LCD-BRO-2500

