

LCD

LN-R3228W

32" Wide HDTV Monitor with PC/DVD/TV Inputs



TV/VIDEO

- Premium Samsung LCD Panel
- HD-Grade 1366(H) x 768(V) Pixel Resolution
- Widescreen Aspect Ratio
- 3,000:1 Dynamic Contrast Ratio
- 500 cd/m² Brightness
- Samsung DNle™ (Digital Natural Image engine)
- NTSC Stereo Tuner Built-In
- 170°(H)/170°(V) Viewing Angle
- Fast 12ms Response Time
- 3D Y/C Digital Comb Filter
- Brightness Sensor
- Power Adapter Built-In – No External ‘Brick’
- VESA Compatible (200mm x 200mm)

AUDIO

- Bottom Built-In Speakers with 10 Watts x 2 Audio Power
- MTS/SAP Stereo Sound
- SRS TruSurround XT™

CONNECTIONS

- HDMI – High Definition Multimedia Interface
- 2 Component Video Inputs (Y,Pb,Pr) (480i/480p/720p/1080i)
- S-Video and 2 Composite Video Inputs
- PC (RGB) Input
- Anynet™ System Control Solution



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

SAMSUNG

Slim, light and beautiful, Samsung's LCD Flat Panel TVs combine sleek looks and high performance. The LN-R3228W HDTV-ready set lets you enjoy regular TV and display HDTV images from any High-Definition source. This model also incorporates HDMI and 2 component video inputs for a digital set-top box and DVD player. Dual purpose use allows for the easy connection of a PC so you can view PC and TV images simultaneously. 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.

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VIDEO

Samsung's revolutionary DNIe™ (Digital Natural Image engine) 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.



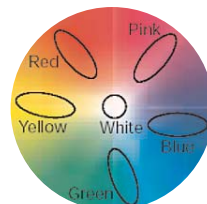
Detail Enhancer

DNIe 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.



CD™ TV

ADVANCED PICTURE QUALITY

Dynamic Contrast 3000:1

Samsung'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.

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 Processing



Ultra-Wide Viewing Angle

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.

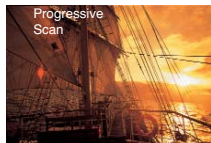
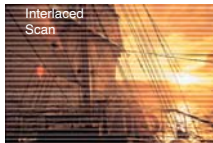


Horizontal Angle 170°

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

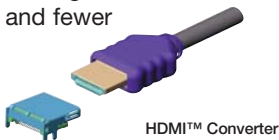


Simply connect your HDTV source to begin enjoying High Definition broadcasts.



High Definition Multimedia Interface

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



HDMI™ Converter



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.



DTV and DVD Compatible

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

HOME THEATER SURROUND SOUND



SRS TruSurround XT™

High-Quality surround sound can be experienced with just the speaker's

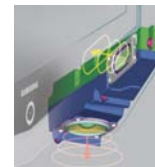


built into your TV. SRS TruSurround XT™ technology delivers an amazing simulated 3-D effect with clear dialog and powerful bass.



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

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

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ADDITIONAL FEATURES

V-Chip System¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Multi-Lingual On-Screen Displays in English, French Spanish and Portuguese

Color Temperature Control: Cool2, Cool1, Standard, Warm1, Warm2

Closed Caption1 (CC) displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos

Progressive Scan 480p DVD

Compatible: accepts a 480p signal via a component input from a Progressive Scan DVD Player or game console.

Variable Sleep Timer to turn the TV off in varying time intervals

Picture Modes: Custom, Standard/Dynamic/Movie

Sound Modes: Standard, Music, Movie, Speech, Custom

CONNECTIONS

HDMI: 1

Component Video Input (Y, Pb, Pr): 2 (480i/480p/720p/1080i)

S-Video Input: 1

Composite Video Input: 2

PC RGB Input: 1

PC Audio Input: 1

DVI Audio Input: 1

Headphone Out

RF Input: 1

WARRANTY

1 year parts and labor warranty, with in-home service backed by Samsung toll-free support (1-800-SAMSUNG).

SPECIFICATIONS

Panel: PVA

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

Audio Power: 10 watts RMS/channel, 20 watts total

Power Requirements: 120V AC, 60Hz

Power Consumption: Approximately 184 watts (Power-on), <1 watt (Standby)

Output Power: 10W x 2
SRS TruSurround XT™

WALL MOUNT

VESA (200mm x 200mm)

NET DIMENSIONS AND WEIGHT (WXHXD)

Monitor with Speakers:

31.4" x 23.3" x 3.9"

Monitor with Speakers and Stand:

31.4" x 25.6" x 9.8"

Weight: 39 lbs.

SHIPPING INFORMATION (WXHXD)

Dimensions: 36.0" x 30.3" x 10.2"

Weight: 41 lbs.

ORDER INFORMATION

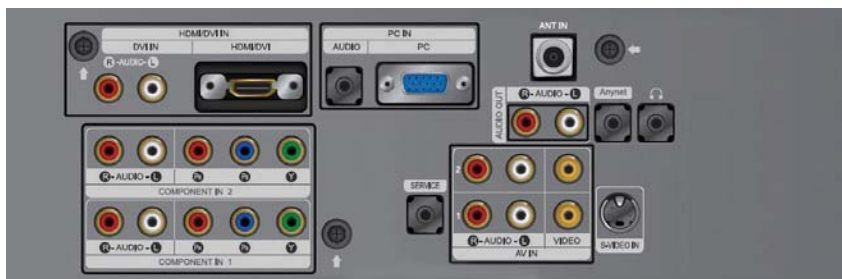
UPC: 036725232204

Order Code: LNR3228WX/XAA

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels. Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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