

DLP™ TV

HL-R5656W

56" Widescreen Tabletop HDTV with Built-In HD Tuner



Shown with Optional Stand TR56

TV/VIDEO

- DLP™ (Digital Light Processing) TV
- Compact Light-Weight Design
 - Fits Where Others Won't™
- Built-In Analog/Digital Tuner (NTSC/ATSC)
- Samsung Cinema Smooth™ 720p Light Engine
 - Single-Panel Design – Crystal Clear Picture Without Any Possibility of Convergence Errors
 - Smooth, Film-Like Images
 - 2000:1 Contrast Ratio with Outstanding Colors and Deep Black Levels
 - Whisper-Quiet Operation
- 1280 x 720p Digital Format Converter for All Inputs
- Samsung's Latest Generation DNle™ Video Enhancer
- Samsung's Cinema Smooth™ Film-Mode 3:2 Pull Down
- Anynet™ System Control Solution
- No Burn-In or Screen Aging

AUDIO

- 30-Watt Audio System

CONNECTIONS

- HDMI Input (High Definition Multimedia Interface)
- 2-Component Video Inputs (480i/480p/720p/1080i)
- 3 A/V Composite Inputs, 3 S-Video Inputs, and A/V Outputs



Anynet

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HIGH DEFINITION TELEVISION
HDTV



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

SAMSUNG

The HL-R5656W displays 56 inches of inviting wide-screen viewing area that is elegantly framed in a compact light-weight design. Weighing less than 94 pounds and less than 16 inches deep, the HL-R5656W offers more viewing screen and less bulkiness. Here are some of the advantages of Samsung DLP TVs :

- 1. Award-winning DLP™ Technology:**
By Texas Instruments makes the difference
- 2. Better Color Uniformity Over Time:**
No burn-in or color fade with Samsung DLP
- 3. Samsung Cinema Smooth™ Light Engine:** Creates a film-like natural picture without visible pixilation
- 4. Detail Advantage:**
Samsung's 5th generation DLP TVs have crisper whites and blacker blacks

Finally, DLP™ TV by Samsung – Fits Where Others Won't™!



HL-R5656W

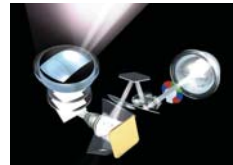
56" Widescreen Tabletop HDTV with Built-In HD Tuner

Integrated HDTV Tuner with the addition of a suitable VHF antenna delivers the world of free off-air DTV and HDTV local broadcast channels.

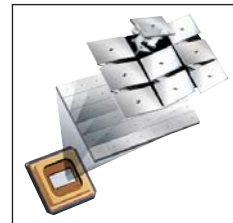
DLP™ Projection System DLP™ (Digital Light Processing) technology by Texas Instruments is the only display solution that enables projection systems to create a purely digital connection between a digital video or graphic source and the screen in front of you. While all other technologies are analog and compromise some image quality in translation, DLP™ projection unleashes the full potential of high quality video content.

Cinema Smooth™ Light Engine Samsung is the worldwide leader in creating light engines that harness Digital Light Processing technology. Samsung's Cinema Smooth light engine brings together the right optics, electronic circuitry and replaceable light source to create a brilliant picture that's more lifelike and much closer to film. Now in its fifth generation, Samsung's Cinema Smooth light engine delivers crisp, 720p High Definition resolution with high contrast and brightness, defined edges and sharp detail.

Cinema Smooth 720p Light Engine Samsung's Cinema Smooth 720p light engine is the culmination of years of industry-leading research and development. It releases the maximum power of the new generation of DMD microdisplays for the most film-like picture. It creates an image with no visible pixel structure and accurate shading and better low-light detail.

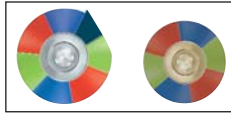


Next Generation DLP Chips from Texas Instruments DLP TV by Samsung employs a Texas Instruments DLP chip. These new-generation microdisplays have switching speeds twice as fast as previous generations and up to 1,000 times faster than competing microdisplay technologies. When combined with Samsung's new Cinema Smooth light engine, the result is a crisp, bright picture with deep, rich colors that's closer to film.



PLP™ TV

Faster Color Wheel Samsung's 2.6" color wheel spins at 10,800 rpm for smooth fast-motion video, and has seven color segments for more accurate colors. It achieves film-like transitions and eliminates the pixel breakup



found in slower color wheel designs and slower-switching LCD microdisplays. Air Bearing technology makes it whisper quiet.

DNiE™ Samsung's DNiE™ – Digital Natural Image Engine



Samsung's exclusive Digital Natural Image engine makes the sharpest and clearest images possible, regardless

of the profile of input signals. Five image processors and a six-times density enhancer ensure the best picture from any source. Now in its third generation, DNiE guarantees the truest colors and highest contrast, while virtually eliminating digital artifacts.

My Color Control You can get the pink tones, the green of the grass and the blue of the sky just the way you like, without affecting the other colors on the screen. The three major colors can be adjusted to perfectly fit your taste. Self expression meets display perfection.



Cinema Mode Samsung's Cinema Mode lets you see colors the way the director intended, by matching them more closely to production standards. This creates more accurate colors and natural skin tones when viewing Hollywood movies on your TV - the perfect setting when enjoying movies with the lights off.

Cinema Smooth™ Film Mode 3:2 Pull Down

Powered by Samsung's Cinema Smooth technology, 3:2 Pull Down corrects for the artificial frames created when films are converted to DVDs. The result is a clearer



Interlaced

Progressive

Cinema Progressive

image without the subtle motion artifacts caused by 24-to-30 frames per second video conversion.

Anynet™ System Control Solution Samsung Anynet lets you control all of your Anynet-enabled Samsung components through the TV's remote control.



Picture Format Size Adjustment Enjoy all your 4:3 aspect-ratio programming in smooth, wide-screen without black bars. Five pre-set aspect ratio modes - Normal, Wide, Panorama, Zoom 1 and Zoom 2 - stretch your image to fill the screen naturally.



3 Line Digital Comb Filter dramatically reduces edge image artifacts while improving transition detail.

Previous Channel returns to the previously viewed channel at the push of a button.

V-Chip¹ enables parental control for channel and program blocking of TV programs that incorporate the rating code signal.

Clock with On/Off Timer

Closed Caption displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

Non Volatile Memory preserves audio, video and menu settings during power outages.

Auto Volume Leveler keeps audio volume consistent during channel changing to minimize static sound bursts.

Discrete IR Codes This set is equipped with discrete IR codes for use with a macro/programmable remote (see owners manual for details).

Universal Remote Control permits control of the TV, DVD, VCR and a Tuner/Receiver.

HDMI (High-Definition Multimedia Interface)

addresses both pure digital audio and video performance and simplifies connections from the new generation set-top boxes and DVD players by reducing cable connections to one cable and plug.



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.



DLP™ TV

HL-R5656W

56" Widescreen Tabletop HDTV with Built-In HD Tuner

SPECIFICATIONS

VIDEO

Display Device: Single 0.8 inch Digital Micro-Mirror Device

Pixel Count: 1280 Horizontal x 720 Vertical

7 Segment Color Wheel: 9,000 RPM

Contrast Ratio: 2000:1

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

AUDIO

Output Power: 2 Channels x 15 Watts

Speaker System: 1 (1 Way x 2)

MTS Stereo

CONNECTIONS

ANALOG VIDEO

RF In: 2 Rear (See Diagram)

AV In: 3 (1 Front, 2 Rear)

S-Video In: 3 (1 Front, 2 Rear)

Monitor & Sound Out: 1 Rear

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

ANALOG AUDIO

Analog L/R Input: 5 Sets (1 Side, 4 Rear)

Analog L/R Output: 1 Set (Rear)

DVI Audio In: 1 Rear

DIGITAL

HDMI: 1 Rear (Digital Audio & Video)

QUALITY

Warranty: 1 year parts and labor warranty, including lamp, with in-home service backed by Samsung toll-free support. 1-800-SAMSUNG

Lamp Life: ~ 5,000 hours (100 Watts)

SUPPLIED ACCESSORIES

Instruction Book

Remote Control with 2 AAA Batteries

NET DIMENSIONS AND WEIGHT (WxHxD)

Monitor: 52.4" x 37.9" x 15.6"

Monitor Weight: 93.7 lbs.

SHIPPING INFORMATION (WxHxD)

Carton: 57.3" x 43.5" x 20.5"

Carton Weight: 117.9 lbs.

ORDER INFORMATION

UPC: 036725256569

Order Code: HLR5656WX/XAA

OPTIONAL STAND: (WxHxD) TR56

Net Dimensions: 52.5" x 17.3" x 16"

Net Weight: 57 lbs.

Shipping Dimensions: 16.8" x 57" x 4"

Shipping Weight: 60 lbs.

UPC: 036725256002

Order Code: TR56X/XAA

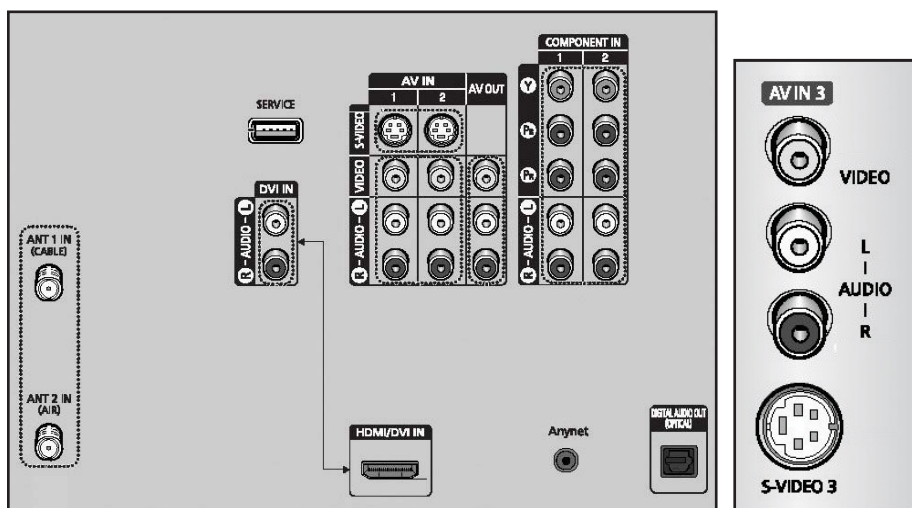
Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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For more information on digital TV technology please visit www.samsung.com/dtvguide



Rear Jack Pack

Side Jack Pack

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