To learn more about Samsung TV/AV Products or to find your nearest retailer, please visit: www.samsung.com

The Future of Smart TV, Now

2012 Samsung TV/AV Catalog
Pushing The Boundaries Of Home Entertainment

Samsung’s innovative technology is reshaping the landscape of home entertainment, guiding you into a new world of access to global content and debuting advanced features that truly understand you. For TV, Smart Interaction delivers an instinctive, more satisfying user experience, while Smart Content generates unlimited and customized content for completely immersive experiences. Smart Evolution lets you stay up-to-date with cutting-edge features, and its innovative updating capability ensures that you won’t need to buy a new TV every year. The new Samsung Smart TV will transport you into the future of home entertainment. For AV, Premium Speaker Design, Samsung Audio Dock and built-in Vacuum Tube Technology deliver warm professional-quality sound filled with crystal-clear highs and richly satisfying bass for programming, video and music.

* Certain features within Smart Interaction may require Internet access.
** Smart Content requires Internet access and may not be available in all languages/dialects and regions.
New Samsung Smart TV

- Smart Interaction
- Smart Content
- Smart Evolution
3D Technologies
Features
Slim LED TV
LED Picture Quality
Design
Features
• LED, LCD TV
• Plasma TV

Samsung AV
- AV Features
Audio Dock
AirTrack
Blu-ray Home Entertainment System
DVD Home Entertainment System
Blu-ray Player
DVD Player
HDD Built-in Blu-ray Player & Smart PVR
Micro Component

Samsung Accessories
- 3D Glasses
TV Cameras / Smart Wireless Keyboard
HDMI Cable / Wireless LAN Adaptor
Wall Mount
Specifications

Slim LED TV
- LED Picture Quality
- Design
- Features

LED, LCD TV
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Plasma TV
- Features

AV Features
Audio Dock
AirTrack
Blu-ray Home Entertainment System
DVD Home Entertainment System
Blu-ray Player
DVD Player
HDD Built-in Blu-ray Player & Smart PVR
Micro Component

3D Glasses
TV Cameras / Smart Wireless Keyboard
HDMI Cable / Wireless LAN Adaptor
Wall Mount
Specifications
Smart Interaction

Interact With Your TV In A Completely Different Way

Samsung Smart TV is an intelligent and sophisticated TV that offers an instinctive way to deliver a more satisfying viewing experience. The unique voice and motion control technologies will forever change the way you interact with your TV. Now instead of pushing a button, you can speak to the TV or wave your hands to operate your TV. Whether you’re surfing channels or the web, your TV understands you to provide a totally intuitive and interactive experience.

Voice Control
Control your TV with your voice

Through voice recognition technology, Smart Interaction by Voice Control responds to the sound of your voice, allowing you to perform tasks such as turning on the TV, changing channels and accessing apps, without ever having to press a button. You can speak your commands into the remote control's built-in microphone or speak directly to the TV.

Motion Control
Control your TV with a simple hand gesture

Smart Interaction by Motion Control will completely change the way you interact with your TV. This amazing new function reacts to hand movements to perform tasks such as changing channels, selecting apps or even navigating through web pages.

Face Recognition
A TV that recognizes your face

Enjoy the convenience of logging onto Smart Hub and Skype with Smart Interaction by Face Recognition. Through the built-in TV camera, this unique feature is able to automatically recognize your face, removing the need to type in your ID and password with the remote control.

* Certain features within Smart Interaction may require internet access.
* Smart Interaction may not be available in all languages, dialects and regions.
**Social TV**

Stay connected with friends and family while watching TV. Samsung’s **Social TV** allows you to share your viewing experiences with friends and family through blogs and chatting services like Facebook, Twitter, and Google Talk, even while watching live TV.

**Smart Content**

Discover instant and unlimited entertainment with top-rated international content partners and its sophisticated **Smart Hub** access. The Samsung Smart TV is your wide-open portal to a new world of ongoing, online, and unlimited programming, gaming, and entertainment. Fueled by Samsung’s blazingly fast processor, multitasking, and viewing experiences are optimized, seamless, and merely a touch-button away.

**Search All**

Enjoy the ease of searching for information. With **Search All**, you can quickly search for web content related to the program you’re watching or access other features like apps and social networking services. You can even search USB drives or other external hard drives connected to your TV with **ConnectShare**.

**Skype**

Stay in touch with friends and family through your TV. Free yourself from the confines of your PC or home office and enjoy making Skype-to-Skype voice and video calls with the big screen of your TV. Now you can stay connected with friends and family from the comfort of your couch.

**Web Browser**

Web surfing on the big screen of your TV. Why surf the web on a PC screen when you can do it on your Smart TV? The upgraded **Web Browser** is even faster and easier to use with improved search capabilities. Now surfing on the web is intuitive and convenient.

**Your Video**

Watch recommended movies for you. Through a customized recommendation service for movies and other video content, **Your Video** allows you to watch and preview movie trailers and TV programs. You can even read a brief synopsis and user ratings before purchasing a movie.

**Samsung Apps**

Experience the full potential of your Smart TV. Download a wide range of apps for your Smart TV through the world’s first TV app store. Samsung Apps has thousands of world-renowned apps, such as YouTube and Facebook, as well as popular local apps available for download. Now you can enjoy your favorite apps from the comfort of your couch.

**Powered by Dual Core**

With top-rated international content partners and its sophisticated Smart Hub access, the Samsung Smart TV is your wide-open portal to a new world of ongoing, online, and unlimited programming, gaming, and entertainment. Fueled by Samsung’s blazingly fast processor, multitasking and viewing experiences are optimized, seamless, and merely a touch-button away. Smart Hub also speeds apps and content searches to focus on what you want when you want it.

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*Certain apps must be purchased and may not be available in all regions.*

*Content available via Smart Hub may vary among product categories, models, and territories. See Samsung.com for more details.*

*Web Browser is not available on all models.*

*Your Video may not be available in all languages and regions.*

*Some models require TV camera to be purchased separately.*
Exquisite Content That Brings Amusement To The Home

The Smart TV’s intuitive features can customize family entertainment and age-appropriate learning for kids while also focusing on whole-family games, program- ming or health and exercise videos. The unique features also let families collect and share special photo and video memories across mobile devices.

Family Story
Exclusive sharing space for your family
Family Story provides a quick way to upload photos to a gallery even from your mobile device. You can also chat real-time, post messages and share important family events to keep everyone up to date.

Kids
Tailored education program
Kids recommends a variety of child-friendly programming so you can watch your children enjoy the pleasures of learning. The fun and exciting games will entertain your children and family for hours.

Fitness
Your personal trainer
Exercise at home through the video-on-demand service and manage your workout history with Fitness. You can also track your progress by downloading the Exercise App onto your mobile device.

* Fitness Service may not be available in all regions.

** Certain Smart TV features may require firmware upgrades.
Remote Scheduler

Your mobile phone can even let your TV record your favorite programs with a simple voice command outdoors.

AllShare Play

Helping you make the most of wireless sharing technology

Samsung’s AllShare Play enables your TV to wirelessly access and stream content from any compatible device, such as a PC. That means you can share movies, photos and music all through a single device—your TV. Now with the benefits of web storage, you can access and even share content where you’re away from home.

Smart View

Stay connected to your TV with your mobile device

Transport the power of the Samsung Smart TV to your compatible mobile device. Now you can watch what’s on your TV anywhere in the house. With the downloadable Smart View App, your mobile phone can also double as a remote control at home, and can even have your TV record your favorite programs with a simple voice command outdoors. Plus, you can remotely monitor your home from any location with the built-in TV camera.

* Compatible devices and recording functions may vary by region. The recording function is for personal and non-commercial use only. Usage is subject to the service provider agreement and may not be available in all regions. Home monitoring and certain Smart View functions may require separate upgrades.

Sharing Your Favorite Content Just Got Easier

We’ve brought together the latest technology to make your viewing experience even more convenient and personal through AllShare. AllShare’s wireless technology not only increases your freedom and mobility but also connects you to a broader range of compatible devices for greater enjoyment. You’ll also have access to web storage so you can share your content across multiple devices. Our world is becoming increasingly mobile so our TVs ensure that you can enjoy your viewing experience even when you’re not sitting in front of a TV.

* Web storage requires separate registration with a third-party storage provider.

* Web storage and out of home network connectivity not available on Plasma TV E490 model.
Faster speed
Don’t let slower processing speeds slow you down. The Evolution Kit helps to boost performance of the powerful, built-in processor so you can quickly access your Smart TV features on demand. For instance, the Dual Core processor will be upgraded to a Quad Core processor, which will help to speed up multitasking and other activities.

More content
We know that access to multimedia is the lifeblood of your viewing experience. The robust Evolution Kit expands the breadth and depth of your content library. Tap into a broader range of new Samsung-exclusive services and many more applications without having to buy a new TV.

Better viewing experience with more features
Get ready for a more enriching user experience with a TV that will transform home entertainment. With the Evolution Kit, you can enjoy improvements in Samsung’s latest interactive features and hardware, such as watching Full HD VODs. Stay up-to-date with technology while enjoying a better viewing experience.

* Smart Evolution Kit, sold separately, will be available in 2013.
* Actual performance may vary and subject to model specs and hardware limitations.
* Smart Evolution Kit improvement levels are based on year of purchase.
Life-Like 3D Content With Smart TV

The new Samsung Smart TV expands the choices and deepens the excitement of 3D home viewing. Not only is 3D content more immediately immersive, but 2D-produced movies and TV shows now can be seen in jaw-dropping 3D. Reduced layering of images enhances the picture quality to intensify clarity. 3D Sound bolsters bold audio. Samsung is expanding 3D options by streaming 3D content onto Smart TVs and identifying new 3D partners.

3D Converter
Convert your 2D images into 3D
With the 3D Converter, you can watch your favorite 2D content in 3D. The 3D Converter makes your viewing experience more enjoyable through a detailed analysis of the image. Now you can watch your 2D content in immersive and true-to-life 3D.

3D Auto Contrast
3D home entertainment is now more immersive
Take your 3D viewing experience to the next level with the 3D Auto Contrast that enhances 3D picture quality through its automatic 3D-depth rendering technology. The result is sharper contrast for a crisp 3D image.

Explore 3D
Explore a new world of on-demand 3D entertainment
Instantly access a wide variety of free 3D content through the Explore 3D video on demand service. Explore 3D offers a diverse selection of 3D content, ranging from documentaries, movie and game trailers, children’s animated movies, music videos and sports related content. Enjoy 3D entertainment on demand.

3D Sound
Immerse yourself into a new experience in sound
Complement the images you see on screen with 3D Sound. By analyzing the depth of the 3D image, 3D Sound synchronizes the sound to match the motion and depth of the image, allowing you to enjoy a fully immersive 3D experience.

3D Converter
Convert your 2D images into 3D
With the 3D Converter, you can watch your favorite 2D content in 3D. The 3D Converter makes your viewing experience more enjoyable through a detailed analysis of the image. Now you can watch your 2D content in immersive and true-to-life 3D.

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Immerse yourself into a new experience in sound
Complement the images you see on screen with 3D Sound. By analyzing the depth of the 3D image, 3D Sound synchronizes the sound to match the motion and depth of the image, allowing you to enjoy a fully immersive 3D experience.

*Sacrifice is only by image.
New Experience

Smart Touch Control
A Remote that’s changing the way you control
The Smart Touch Control is a completely new device to control your Samsung Smart TV. The touch pad allows you to perform ordinary tasks much faster and easier than before. Plus, with the built-in microphone, you can speak your commands into the Smart Touch Control to operate your TV.
* Smart Touch Control not available with all models.

Dual Core
Dual Core makes multitasking fast
Dual Core’s faster processing speeds allow you to perform multiple tasks at the same time, such as using an app while downloading another one. It also enables faster web browsing while playing apps or TV programs that you’ve recently opened through the Recent History feature.

Wireless LAN Built-in
Access the internet without wires
With Wireless LAN Built-in, streamlining your TV’s connectivity capabilities without adding more external devices and maintain its attractive design.

Connectivity

HDMI
Bringing a full multimedia experience into your living room
With High Definition Multimedia Interface (HDMI) inputs, the Samsung TV will transform your living room into a multimedia entertainment center. HDMI provides high-speed transmission of high definition digital data from multiple devices straight into your TV.
* HDMI cable is sold separately.

Personal Video Recorder Ready
Your personal media library
Record and store TV shows and movies with Personal Video Recorder Ready. Simply plug in a USB memory drive or HDD into your TV’s USB port, select shows to record and download them onto the drive.
* For personal and non-commercial use only. Design is subject to the service provider agreement and may not be available in all regions.

ConnectShare Movie
Watch movies from your USB
With ConnectShare Movie, simply plug your USB memory stick into the TV and instantaneously enjoy movies, photos or music. Now, you can experience a wide variety of content on your TV in the comfort of your living room.

Features
Picture Quality That Delivers Radiant Reality

The Samsung Slim LED TV offers mesmerizing best-in-class picture quality. Crystal-clear images will transform your viewing and absorb you into the action. Features like micro dimming allows the display to generate richly vibrant blacks and intense whites. The Slim LED TV’s Smart Interaction feature creates an interactive dialogue by responding to your voice commands and hand gestures. You also gain access to ever-expanding TV apps for first-run content, such as movies, websites, family-friendly programming and news.

* Slim LED TV’s specifications, features and model availability may vary by region.
LED Picture Quality

Crystal-Clear Images For Your TV

At Samsung, we understand that realistic picture quality has always been important to your viewing experience. Our 2012 TV lineup takes picture quality even further, to truly immerse you into a new world of reality. Watch fast-moving images in amazing clarity. Through Micro Dimming technology, experience a wide range of colors in the color spectrum at their purest and clearest.

Wide Color Enhancer Plus

More vibrant colors for better images

Using an advanced picture quality improvement algorithm, Samsung’s Wide Color Enhancer Plus dramatically improves the quality of any image and enhances the colors of each frame. Now see colors as they were meant to be seen with Wide Color Enhancer Plus.

Full HD 1080P

See reality in Full HD

With twice the vertical resolution of standard HD TVs, Samsung TVs deliver amazing images that will bring pleasure to your home entertainment experience. The realistic texture of Full HD 1080p images invites you to enjoy a viewing experience that redefines reality.

Micro Dimming Ultimate

See all the difference created by crisper images

Enjoy the most vivid contrast with superior color and sharpest detail. Micro Dimming Ultimate combines the use of a special algorithm and scanning technology that delivers sharper images and enhanced contrast ratios.

Ultra Clear Panel

Take the glare out of your view

The Ultra Clear Panel on Samsung LED TV efficiently absorbs external light and effectively eliminates reflection from the TV screen. What’s left is a real, natural color and deep, dynamic detail to deliver a cleaner, more comfortable viewing experience.

Clear Motion Rate

Samsung’s new measure for motion clarity

Samsung’s world-class motion clarity captures all the details of fast-moving images for gaming, sports, action-packed movies and more. A new, sophisticated measurement technology, Clear Motion Rate simultaneously tracks the three factors that display vivid motion clarity: panel refresh rate, image processor speed and backlight technology. Now, the most exciting fast-moving images show up in dazzling detail.
Beauty That Goes Beyond Imagination

The world around us is changing and so is our approach to the way we design our TVs. With the harmonious existence of lines and curves, our TVs have infused elegance into their minimal design. Moving past the aesthetic appeal, a slim bezel is merged with its environment. This reduces the distraction of a bulky frame and brings you an immersive viewing experience – it is design with purpose.
Features

One Design
Designed for maximum appeal
Samsung’s One Design maximizes your viewing experience while also enhancing your home interior. One Design elegantly combines the LED TV’s bezel with its panel to remove any barriers for a seamless viewing experience.

Eco
Energy Efficiency
See more with less power consumption
At Samsung, we are committed to delivering a premium viewing experience that’s more energy efficient, so you can enjoy all of its high-performance features while consuming less power. That means you can watch your TV without worrying about a large energy bill at the end of every month.

Planet First
Putting the Planet First
In developing the new line of TVs, Samsung has taken the environment into consideration. By using more efficient technology and fewer components, Samsung TVs have taken energy efficient design into new, trendier territories.
Meet The Best-In-Class LED TV

The Series 8 delivers everything you would expect from a premium Slim LED TV. The TV is delicately held aloft by the iconic Arch Flow Stand with its distinct combination of straight and curvilinear lines that work in concert to deliver a minimal yet elegant look. The TV responds to your voice or even a simple hand motion. Micro Dimming Ultimate delivers rich, vivid colors while the Dual Core processor enables lightning-fast multitasking capabilities for an optimized, premium viewing experience.

Tune Into Unlimited Content

One of the most impressive Slim LED TVs in its class today, the Series 7 boasts a wide range of rich content that takes your home entertainment experience to a whole new level. What’s more, Series 7 will change the way you interact with your TV. In addition, Micro Dimming generates vivid colors and deeper blacks for vibrant picture quality.

Features may vary based on model and regions.
Choose The TV That’s Right For You And Your Family

Enjoy the feature-rich benefits of the Samsung Slim LED TV Series 6. Each TV within this series offers different features based on your tastes and needs. The stunning picture quality, flawless design and access to the Internet and apps will transform your viewing experience. You’ll always make the right choice with the Series 6.

Basic Smart Entertainment With A Slim Design

Samsung Slim LED TV Series 5 puts the joy and power of a Smart TV within reach for almost everyone, all at great value. One Design leaves nothing between you and what’s on your TV for an uninterrupted viewing experience. What’s more, you can take advantage of the latest Samsung Smart TV features—such as Web Browser, app downloads, and more—to open up a new world of home entertainment.

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*Features may vary based on model and regions.
LED, LCD

LED TV EH5300
The Joy Of Amazing Picture Quality Now For Everyone

The LED TV from Samsung skillfully combines the benefits of the latest LED technology with the craftsmanship of an artist. The narrow bezel and the sleek profile create an attractive TV that’s a pleasure to watch. Driven by the latest in LED backlight technology, the LED TV produces brilliant picture quality that doesn’t lose its brightness over time. It is also the most affordable LED TV in its class and is extremely energy efficient. The latest LCD TV also delivers on high-quality images with innovative image-enhancing features and increased connectivity to compatible devices.

* Samsung LED/LCD TV specifications, features and model availability may vary by region.
An Affordable TV With Smart Functionalities

The LED TV Series 5 is a TV that delivers more than just the Internet. With Smart TV functionality, a whole new world of content is within your reach—streaming movies, social networking and apps—all on your TV screen. Smart Hub helps you to access all this content through an easy-to-use interface that makes browsing the web or searching for content on other connected devices simple and fast.

Discover The Delight Of LED Picture Quality

The core of the LED TV Series 5 is its industry-leading LED technology and brilliant color reproduction. Every detail of every image can be seen in amazing clarity with deep blacks and pure whites. The realistic details of the images remain intact even when images flicker across the screen. Also known for energy efficiency, the new Series 5 will take your breath away.
**LED TV Series 4**

**LED TV With Smart Functionalities For The Value Seeker**

Reap the benefits of the latest in LED technology at an affordable price with the LED TV Series 4. This entry-level, energy-efficient TV is the perfect way to discover the beauty of LED picture quality. The Series 4 delivers crisp images with sharper details and a dynamic contrast ratio that yields a pure prism of color.

**Great LCD TV In The Market**

Now everyone can experience the spellbinding picture quality of the LCD TV Series 4 in the comfort of his or her own living room. The cost-effective Series 4 delivers all the benefits of vivid picture quality and enhanced connectivity with all compatible digital devices. With high-definition resolution, you experience a sophisticated level of detail and image clarity that you never imagined.

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**Features may vary based on model and regions.**
Plasma

Plasma TV E8000
Deeper Blacks On Larger Screens

With the feature-rich, ultra-slim Plasma TVs from Samsung, you can enjoy all the benefits of plasma technology with a wide selection of larger screen sizes. We’ve improved the picture quality with Real Black Pro so every tone of black shows up as they should on the large screen. The surface area of the screen has also been expanded by an inch for enhanced immersion and a narrower bezel. Plus, the market-leading ultra-slim depth delivers a sleek, modern look that is extremely space efficient.

* Samsung Plasma TV specifications, features and model availability vary by region.
The new Samsung Plasma TV lineup continues the tradition of unparalleled picture quality and takes home entertainment to a new level with a deep understanding of you and your viewing conditions. The advanced resolution of Full HD 1080P provides superior full-motion display and sharply improved image quality. Real Black Pro delivers rich blacks for a more immersive experience, while 600Hz Subfield Motion ensures that fast-moving images are seen in amazing clarity. In addition, the ultra-slim Plasma+1 design feature opens up a new world of reality as it increases the screen size by an entire inch. Plus, Eco Sensor ensures that your TV runs as efficiently as possible.

### Plasma+1
Get an extra inch from your TV screen

With Samsung’s Plasma+1 Design, you’ll benefit from an extra inch in screen size because of the thinner bezel. Plasma+1 brings back the joy of watching television by delivering a larger screen so your home entertainment experience is at its best it can be.

### Real Black Pro
Deeper blacks, better contrast

Samsung Plasma TV’s Real Black Pro produces higher picture quality by optimizing the darkest areas of the image to boost contrast and increase sharpness. Real Black Pro uses an advanced algorithm to distinguish between every shade of black to reveal greater depth and richness.

### Clear Image Panel
Clear, crisp images without any blurring

The Samsung Plasma TV uses a new filter and panel structure to eliminate layered images and produce clear images from almost every angle. This also significantly eliminates the production of dual images and blurring typically found with glass filters.

### 600Hz Subfield Motion
Smoother images for greater clarity

Using the latest in subfield motion technology, Samsung Plasma TV flashes a single image up to 600 times a second. The result is smoother images without standing picture quality, so matter how fast the images are moving.

### Full HD 1080P
See reality in Full HD

With twice the vertical resolution of standard HD TVs, Samsung Plasma TVs deliver amazing images and will bring pleasure to your home entertainment experience. The realistic texture of Full HD 1080P images invites you to enjoy a viewing experience that redefines reality.

### Eco Sensor
Light sensitive for improved visibility

Samsung Plasma TV’s Eco Sensor measures the intensity of light in the room and automatically adjusts the brightness of the TV image. The TV is extremely energy efficient as it controls the amount of light used to create images.
Transform your viewing experience into a two-way dialogue with the Samsung Plasma TV Series 8. You will experience firsthand the convenient and instinctual way of operating your TV with your voice or motions. Samsung’s new Real Black Pro produces reality in your living room by improving the representation of every shade of black for a deep, rich image. And with Smart Evolution, you’ll be able to stay-up-to-date with the latest features and content year after year.

Plasma’s Rich Contrast With Smart Functionalities
Take your viewing pleasure to the edge with the Plasma TV Series 6 from Samsung. Smart Hub is your passport to a new and exciting world filled with content and services right at your finger tips. This Smart Plasma TV features the fully optimized Web Browser that delivers a satisfying Internet-surfing experience on your TV. Real Black Pro makes you enjoy the deep and rich contrast so blacks are as dark as they’re meant to be.

* Features may vary based on model and regions.

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**Best-In-Class Plasma TV**

**Plasma TV Series 8**

- Smart Interaction
- Dual Core
- HD 3D
- Ultra Slim
- 600Hz Subfield Motion
- AllShare Play
- HDMI

**Plasma TV Series 6**

- Smart Content
- Real Black Pro
- Full HD 3D
- Clear Image Panel
- AllShare Play
- HDMI

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**Plasma TV Series 8**

- Smart Interaction
- Smart Touch Control
- Real Black Pro
- 600Hz Subfield Motion
- AllShare Play
- HDMI

**Plasma TV Series 6**

- Smart Content
- Real Black Pro
- Clear Image Panel
- AllShare Play
- HDMI
High Value With Smart Functionalities

The Samsung Plasma TV Series 5 is perfect for those who desire the latest in TV technology without the steep price tag. With Series 5 you can enjoy many of the cutting-edge features found in core TVs such as a wide range of smart features and various apps. With just a touch of a button, you can call upon the power of the Smart Hub—your portal to a world of online entertainment.

The Perfect TV For The Value Seeker

Make the Samsung Plasma TV Series 4 a valuable part of your home entertainment. This affordable TV offers all the value of a premium TV. The Series 4 delivers bold contrast and vivid colors with the advanced features and design that Samsung is renowned for. In the case of TV shows and movies, the innovative powerful processor renders even the fastest-moving scenes with amazing clarity and precision, ensuring that every detail is crystal-clear.

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**Plasma TV Series 5**

- **E550**
  - Smart Content
  - Real Black
  - Clear Image Panel
  - 600Hz Subfield Motion
  - AllShare
  - HDMI

**Plasma TV Series 4**

- **E450**
  - Smart Content
  - Kick Stand (E450)
  - Clear Image Panel
  - 600Hz Subfield Motion
  - AllShare (Shop to E440)
  - HDMI

*Features may vary based on model and regions.

*Web storage and out of home network connectivity not available on Plasma TV E490 model.

*Web storage and out of home network connectivity not available on Plasma TV E490 model.
Home Entertainment System That Delivers Hi-Fi Sound

When it comes to the home experience, Samsung’s audio-visual entertainment systems deliver on every level. You’ll hear rich, warm music and soundtracks anchored by deeply satisfying bass and lifted by pure soaring high notes. You’ll see vivid images that immerse you in the picture, whether you’re watching TV programming, on-demand content or recorded shows and movies. Also, settle back and enjoy the ultimate in Internet-enabled apps and experiences that take you streaming around global news and videos or Tweeting with all your fans.

* Specifications, features and model availability may vary by region and model.
A New Flavor Of Sound
For Smart Phone Users

Now you can enjoy warm and rich sound from your portable devices with the help of Samsung’s Audio Dock and Vacuum Tube Built-in. The Audio Dock also features a dual docking station so you can enjoy the freedom of listening to music from your Samsung Galaxy Phone or iPhone. In addition, the Audio Dock is equipped with AllShare Play and AirPlay so music can be streamed wirelessly from your compatible device.

* Compatible devices may vary by region.

** Bluetooth
Bluetooth technology is seamlessly integrated into the system.

** Built-in Subwoofer
Integrated into the speaker, the subwoofer boosts rich bass sounds.

** Premium Speaker Design
The premium glass fiber material enhances sound clarity.

** Vacuum Tube Built-in
Hi-fi sound quality that’s warm and rich
The Vacuum Tube Built-in Samsung’s Audio Dock enriches your music experience to make it more immersive for any genre of music. The vacuum tube produces a warm and rich sound by enhancing the element of harmonic sound.

* Currently only compatible with Samsung Galaxy S2, Galaxy Note, iPhone, iPod, and iPad.

** Dual Docking
Compatible with the Samsung Galaxy phone & iPhone
For the first time ever, you can now dock your Samsung Galaxy phone and Galaxy Note, along with Apple’s iPhone, iPod and iPad with Samsung audio dock’s Dual Docking feature. This feature gives you the ability to connect multiple devices and platforms without having to purchase additional equipment.

** AllShare Play+AirPlay
Wireless streaming from all your mobile devices
Now you can enjoy the freedom of enhanced connectivity with AllShare Play and AirPlay on your Audio Dock. For the first time, the Audio Dock allows you to wirelessly stream music from both Apple and Samsung Galaxy mobile devices. That means you can enjoy the freedom of listening to your favorite music in high definition while moving around your home.
Complete Your Viewing Experience With Professional Sound

The Samsung Home Entertainment System (HES) produces a high-end, realistic sound experience that will perfectly complement and enhance your premium viewing experience. With Vacuum Tube Built-in and the latest in digital amplifier technology, the HES will make you feel like your living room has been converted into a professional-grade sound studio. This patent-pending sound technology filters out unnecessary noise and minimizes distortion. The attractive glass fiber speakers generate sound clarity and high output power that even an audiophile would desire.

Vacuum Tube Built-In

Hi-fi sound quality that’s warm and rich

The patent-pending Vacuum Tube built-in Samsung’s Home Entertainment System enriches your viewing experience and makes it more immersive for any content. The vacuum tube produces a warm, rich and enveloping sound, while reducing ambient noise and other unnecessary artifacts.

Crystal Amplifier Plus

Clean, crisp sound for your listening pleasure

Samsung’s Crystal Amplifier Plus filters sound sources twice to minimize distortion and produce clear audio that sounds exactly the way it was intended to be heard. The newly added Turbo Boost enhances the bass bandwidth for a richer, more powerful sound.

Premium Speaker Design

Professional-grade sound for your home

The Samsung Premium Speaker is the perfect complement to your high-end viewing experience with its superior sound clarity. The premium glass fiber material helps to enhance sound clarity through the high degree of elasticity of the phase plug design.

Dual Unit Subwoofer

The dual-unit subwoofer includes a 10-inch passive radiator to strengthen low-frequency sound.

3D Sound Plus

This bold audio complements the motion and depth of 3D images.

Cradle for iPod/iPhone

The cradle supports both iPods and iPhones.

* Specifications, features and model availability may vary by region and model.
Make Your TV Smarter

The new Samsung Smart Blu-ray player enables you to upgrade any TV so that it can connect to the Internet, totally transforming your home entertainment possibilities. Smart Hub allows you to take full advantage of a variety of content and features, such as a wide range of apps, easy access to your favorite TV content and Internet search capabilities. With Web Browser, you can enjoy surfing the Web on the big screen of your TV.

Smart Hub

Connect to a wider range of entertainment with your TV

Smart Hub is your gateway into an ever-expanding world of content through the Samsung Smart Blu-ray Player. You can even enjoy new Smart services that provide a more entertaining experience for you and your family.

Signature Services

Staying home will never be boring again

Samsung now offers three new Signature Services for a totally new Smart experience. With Family Story, you can share precious family moments by sharing photos and videos. What’s more, Kids has been designed to make learning fun again. Fitness helps you maintain a healthy lifestyle.

Web Browser

Web surfing on the big screen

Why surf the web with a PC when you can do it with your Smart Blu-ray Player and TV? The upgraded Web Browser is even faster and easier to use with improved search capabilities. Plus, enhanced navigation features make web surfing intuitive and easy.

*Web Browser is not available on all models.

*Certain content and features require Internet connection and may not be available in all languages and regions.

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**Certain content and features require Internet connection and may not be available in all languages and regions.

**Compatible mobile devices may vary by region. Cloud storage may require registration with a third party storage provider. Additional internet charges may apply.

AllShare Play

Helping you make the most of wireless sharing technology

Samsung’s AllShare Play enables you to wirelessly access then stream content from any compatible device, such as a PC or mobile device. That means you can share movies, photos and music all in a single device. With the benefits of web storage, you can access and even share content when you’re away from home.

Wireless LAN Built-in

Enjoy wireless access to your digital content

Wi-Fi Direct takes entertainment to a new level by providing you the ability to connect to compatible devices such as the Galaxy S2 and Samsung Smart TV without any cables. With this Wi-Fi Built-in, you can quickly and easily share and enjoy content on your TV.

*Wi-Fi Built-in is not available on all models.

*Certain content and features require Internet connection and may not be available in all languages and regions.
**Access Your Content On Multiple Devices—Even When You're Not Home**

Imagine if you could store digital content on your TV just like you do with your PC. Now you can with the Samsung BD HDD and Smart PVR. It gives you the ability to record and store your favorite content right onto the TV’s HDD. For even greater convenience, you can access this content from outside your home and view it on multiple devices. Plus with Samsung Smart Hub, you’ll be able to access a new world of online content with Web Browsing and Dual Core enables faster multitasking.

**Smart Hub**
Connect to a wider range of entertainment with your TV

Smart Hub is your gateway into an ever-expanding world of content through the Samsung Smart BD HDD and Smart PVR. You can even enjoy new Smart services that provide a more entertaining experience for you and your family.

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---

*For personal and non-commercial use only. Usage is subject to the service provider agreement and may not be available in all regions or compatible with all devices.

**Remote Access**
Watch content as they happen anywhere, anytime

Free yourself from the confines of your home with Remote Access. With it, you can access your Blu-ray Disc HDD or Smart PVR to watch your favorite movie or TV show anywhere, anytime. Remote Access will transform compatible devices such as smart phones or tablet PCs into a mobile TV.

*Compatible devices may vary by region.

---

**Smart View**
Use your smart phone or tablet to watch TV

Samsung HDD Built-in Blu-ray Player and Smart PVR will change the way you watch TV with its innovative Smart View app. This unique app offers features like Clone View and Dual View, allowing you to watch on devices like a tablet or smart phone in different parts of the house—all at the same time!

*Compatible devices and recording functions may vary by region. The recording function is for personal and non-commercial use only. Usage is subject to the service provider agreement and may not be available in all regions. Home monitoring and Smart View functions may require firmware upgrades.

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**AirTrack**

- **Convertible Airtrack**
  - 310W / 2.1Ch
  - Convertible speaker
  - Bluetooth
  - Wireless subwoofer
  - 2 HDMI input
  - Slim design (35mm)

- **AirTrack with Bluetooth Connectivity**
  - 280W / 2.1Ch
  - Bluetooth
  - Wireless subwoofer
  - ConnectShare
  - HDMI input

- **Horn Type-Red**
  - 40W / 2.1Ch
  - Built-in subwoofer (2.1 channel)
  - Dual Docking
  - Bluetooth
  - Glass fiber-phase plug type

- **Horn Type-White**
  - 10W / 2.1Ch
  - Dual Docking
  - Phase plug type
  - Hidden dock
  - Optimized UI

- **Vacuum Tube Built-in**
  - 100W / 2.1Ch
  - Vacuum Tube inside
  - Dual Docking
  - AirPlay + Allshare Play
  - Built-in subwoofer (2.1 channel)

- **Horn Type-White**
  - 10W / 2.1Ch
  - Dual Docking
  - Phase plug type
  - Hidden dock
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  - 40W / 2.1Ch
  - Built-in subwoofer (2.1 channel)
  - Dual Docking
  - Bluetooth
  - Glass fiber-phase plug type

- **AirTrack with Built-in Woofer**
  - 120W / 2.1Ch
  - Built-in woofer
  - 3D Sound Plus
  - HDMI with 3D ARC
  - ConnectShare
  - HDMI input

- **AirTrack**
  - 64W / 2.1Ch
  - Built-in woofer
  - 3D Sound Plus
  - HDMI with 3D ARC
  - ConnectShare
  - HDMI input
Blu-ray Home Entertainment System

HT-E453
- 1000W / 5.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Allshare Play
- EZ MP3 Maker

HT-E5000
- 1000W / 5.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Bluetooth
- Allshare Play
- EZ MP3 Maker

HT-E6750W
- 1330W / 5.1Ch
- 3D
- Smart Hub
- Glass Fiber Speaker
- Wireless Rear Speaker
- WiFi Built-in
- Allshare Play

HT-E5500
- 1000W / 5.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Bluetooth
- Allshare Play

DVD Home Entertainment System

HT-ES8200
- 1000W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-E350
- 330W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-E3500
- 330W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-E3000
- 330W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-E2000
- 330W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-ES6200
- 400W / 2.1 Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Slot-in
- Allshare Play

HT-E6750W
- 1330W / 7.1Ch
- 3D
- Smart Hub
- Glass Fiber Speaker
- Wireless Rear Speaker
- WiFi Built-in
- Allshare Play

HT-E6200
- 500W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Convertible speaker
- Allshare Play

HT-ES4200
- 500W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Convertible speaker
- Allshare Play

HT-E8200
- 400W / 2.1 Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Wireless Subwoofer
- Allshare Play

HT-ES8200
- 400W / 2.1 Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Allshare Play

HT-E54200
- 400W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Convertible speaker
- Allshare Play

HT-E6750W
- 1330W / 7.1Ch
- 3D
- Smart Hub
- Glass Fiber Speaker
- Wireless Rear Speaker
- WiFi Built-in
- Allshare Play

HT-E643
- 1000W / 5.1Ch
- Crystal Amplifier Plus
- HDMI ARC
- EZ MP3 Maker

HT-ES6200
- 400W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Slot-in
- Allshare Play

HT-E8200
- 400W / 2.1 Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Wireless Subwoofer
- Allshare Play

HT-ES4200
- 500W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Convertible speaker
- Allshare Play

HT-E6200
- 500W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Convertible speaker
- Allshare Play

HT-E8200
- 400W / 2.1 Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Wireless Subwoofer
- Allshare Play

HT-ES6200
- 400W / 2.1Ch
- 3D
- Smart Hub
- Wireless LAN Built-in
- Slot-in
- Allshare Play

HT-E6750W
- 1330W / 7.1Ch
- 3D
- Smart Hub
- Glass Fiber Speaker
- Wireless Rear Speaker
- WiFi Built-in
- Allshare Play
### BD HDD / Smart PVR

- **BD-E8900**
  - 3D Blu-ray
  - Twin Tuner (Dual Rec., PIP)
  - Smart View
  - Remote Access
  - Signature Services
  - Dual Core
  - AllShare Play

- **STB-E7900**
  - Twin Tuner (Dual Rec., PIP)
  - Smart View
  - Remote Access
  - Signature Services
  - Dual Core

- **MM-E430D**
  - 120W / 2.0Ch
  - Phase plug type speaker
  - Dual docking
  - Made for iPod / iPhone / iPad / Galaxy S2 / Note

- **MM-E330D**
  - 70W / 2.0Ch
  - Phase plug type speaker
  - Crystal Amplifier Plus
  - EZ MP3 Maker

- **MM-E320**
  - 20W / 2.0Ch
  - Crystal Amplifier Plus
  - EZ MP3 Maker
  - Mp3 enhancer

### Micro Component

- **BD-HD / Smart PVR**
  - **MD-E330D**
    - 70W / 2.0Ch
    - Phase plug type speaker
    - Crystal Amplifier Plus
    - EZ MP3 Maker
    - Mp3 enhancer
Accessories

SSG-4100GB / SSG-3550CR

* Accessories are sold separately.
Accessories

3D Glasses
SSG-3550CR
- Rechargeable type
- Comfortable fit
- Auto Power On/Off
- Quick charging

* Compatible Models: 2011 and 2012 Samsung 3D TV models

SSG-4100GB
- Battery type
- Comfortable fit

* Note: “3D Glasses” logo indicates compliance between display products and 3D Glasses which are compatible with the “Full HD 3D Glasses” format, and does not indicate compatibility with display products.

** Compatible Models: 2011 and 2012 Samsung 3D TV models

TV Camera
VG-STC2000
- Skype-to-Skype HD video calls (720p@30fps)
- Dual hinge for easy installation
- Innovative microphone technology
- Plug & Play for easy set-up
- Lens cover to protect your privacy

* Compatible Models: LED EH4500, EH5300, ES5500, ES5700~6900, ES7100, ES7200 (Only for CIS)
PDP E550, E6500, E7000 (32” & above)

Smart Wireless Keyboard
VG-KBD1000
- Convenient for Samsung Smart TV use
- Touch pad for simple operation without mouse
- Control Key to give fast access to your TV
- Bluetooth 2.1

* Compatible Models: LED EH4500, EH5300, ES5500, ES5700~6900, ES7100, ES7200 (Only for CIS)
PDP E550, E6500, E7000 (32” & above)

** Compatible Models: LED EH4500, EH5300, ES5500, ES5700~6900, ES7100, ES7200 (Only for CIS)
PDP E550, E6500, E7000 (32” & above)

 VG-KBD1000

Smart Wireless Keyboard

Accessories

3D Glasses

TV Camera

Smart Wireless Keyboard

SSG-3550CR

SSG-4100GB

VG-STC2000

VG-KBD1000

* Accessories are sold separately.

** Product image may be different from actual product depending on countries.

---

 VG-KBD1000

Smart Wireless Keyboard

Accessories

3D Glasses

TV Camera

Smart Wireless Keyboard

SSG-3550CR

SSG-4100GB

VG-STC2000

VG-KBD1000

* Accessories are sold separately.

** Product image may be different from actual product depending on countries.
**Accessories**

**HDMI Cable**
- **CY-SHC10**
  - Max Speed: 12Gbps
  - 24K gold terminal and plug for improved conductivity
  - HDMI High Speed with Ethernet (HEC) Certified
  - BFR and PVC free
  - Lengths: 1m/2m (3.28ft/6.56ft)
  - *Compatible Models: All Flat Panel TV*

**Wireless LAN Adaptor**
- **WIS12ABGNX**
  - Enable access to internet via Smart TV
  - Wireless connection with compatible devices
  - Supports AllShare Play and 802.11 a/b/g/n
  - Includes Extension Cable
  - *Compatible Models: LED EH4500 (Not for Europe), EH5300 (Not for South & North America), ES5500, ES5700, PDP E490, E550 (For Europe, CIS & Korea), BDP E5500, E6300 (Only for Europe), HES E4200, E4500*

**Wall Mount**
- **WMN2000**
  - Quick and easy installation like hanging a picture frame
  - Low profile (less than 2cm from the wall) and full enjoyment of slimness
  - Safe installation up to 440lbs (200kg)
  - *Compatible Models: LED ES6500 and above, PDP E7000 and above (32”~47”)*

- **WMN250M**
  - Wide compatibility for 2010~12 Samsung Flat Panel TV
  - Easy to level your TV while mounted on the wall
  - Tilt function for easy and quick cable access
  - Safe installation up to 440lbs (200kg)
  - *Compatible Models: 2010~2012 Samsung Slim LED, LED, LCD, PDP TV (32”~65”)*

---

*Accessories are sold separately.*
**Slim LED / LED / LCD TV Specs**

<table>
<thead>
<tr>
<th>Size (inch)</th>
<th>Smart Hub</th>
<th>Smart Interaction</th>
<th>Smart Content</th>
<th>Smart Evolution</th>
<th>Dual Core</th>
<th>3D</th>
<th>Clear Motion Rate</th>
<th>Ultra Clear Panel</th>
<th>Full HD 1080p</th>
<th>ConnectShare Movie</th>
<th>Wireless LAN Built-in</th>
<th>Design</th>
<th>Connectivity</th>
<th>Smart Features</th>
<th>Picture Quality</th>
</tr>
</thead>
</table>
| 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40 | 65, 55, 46, 40

* New features in 2012.
** Samsung TV’s specifications, features and model availability may vary by region.

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**Plasma TV Specs**

<table>
<thead>
<tr>
<th>Size (inch)</th>
<th>Smart Hub</th>
<th>Smart Interaction</th>
<th>Smart Content</th>
<th>Smart Evolution</th>
<th>Dual Core</th>
<th>3D</th>
<th>Clear Motion Rate</th>
<th>Ultra Clear Panel</th>
<th>Full HD 1080p</th>
<th>ConnectShare Movie</th>
<th>Wireless LAN Built-in</th>
<th>Design</th>
<th>Connectivity</th>
<th>Smart Features</th>
<th>Picture Quality</th>
</tr>
</thead>
</table>
| 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54 | 64, 54

* New features in 2012.
** Samsung TV’s specifications, features and model availability may vary by region.
### Audio Dock / AirTrack / Micro Specs

<table>
<thead>
<tr>
<th>Audio Dock</th>
<th>AirTrack</th>
<th>Micro Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-E750</td>
<td>HW-E650</td>
<td>WM-E150</td>
</tr>
<tr>
<td>DM-E650</td>
<td>WM-E150</td>
<td>WM-E160</td>
</tr>
<tr>
<td>DM-E660</td>
<td>WM-E250</td>
<td>WM-E250</td>
</tr>
<tr>
<td>DM-E560</td>
<td>WM-E250</td>
<td>WM-E250</td>
</tr>
<tr>
<td>CH-E650</td>
<td>WM-E250</td>
<td>WM-E250</td>
</tr>
<tr>
<td>CH-E500</td>
<td>WM-E250</td>
<td>WM-E250</td>
</tr>
</tbody>
</table>

**Channel Output**: 2.1Ch / 2Ch / 2Ch / 2.1Ch / 2.1Ch / 2Ch

**Speaker Unit**: 2 way / 3 spk

**Sound Output**: 100W / 40W / 10W / 100W / 40W / 10W

**Subwoofer Output**: 60W / 20W / 60W / 20W

**ConnectShare Movie**: HDMI

**Phase Plug Type Speaker**: TV Matching

**Hidden Dock**: Media (ESF)

**Optimized UI App**: ConnectShare

**Power Bass**: Bluetooth

**Vacuum Tube Built-in**: ConnectShare

**David Docking**: 3D sound plus

**AirTrack**: Wireless Subwoofer

**AirPlay**: Crystal Amplifier Pro

**Glass Fiber Speaker Unit**: Wood Satin / 5.1

**Bluetooth**: CD Ripping Booster

---

### Blu-ray Home Entertainment System

<table>
<thead>
<tr>
<th>Blu-ray Home Entertainment System</th>
<th>BD HBS / DVD HBS Specs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HT-E9200</td>
<td>KT-E9200 / DVD</td>
</tr>
<tr>
<td>HT-E9200W</td>
<td>KT-E9200 / DVD</td>
</tr>
<tr>
<td>HT-E6750</td>
<td>KT-E6750 / DVD</td>
</tr>
<tr>
<td>HT-E6500</td>
<td>KT-E6500 / DVD</td>
</tr>
<tr>
<td>HT-E6600 / 6600</td>
<td>KT-E6600 / 6600</td>
</tr>
<tr>
<td>HT-E5500 / 5530 / 5550</td>
<td>KT-E5500 / 5530 / 5550</td>
</tr>
<tr>
<td>HT-E4500 / 4550</td>
<td>KT-E4500 / 4550</td>
</tr>
<tr>
<td>HT-E4200</td>
<td>KT-E4200 / DVD</td>
</tr>
<tr>
<td>HT-ES4200</td>
<td>KT-ES4200 / DVD</td>
</tr>
<tr>
<td>HT-E450</td>
<td>KT-E450 / DVD</td>
</tr>
<tr>
<td>HT-E350</td>
<td>KT-E350 / DVD</td>
</tr>
</tbody>
</table>

**Sound Output**: 40W / 100W / 1330W / 1000W / 400W / 1000W / 1000W / 500W / 500W

**Channels**: 2.1Ch / 2.1Ch / 7.1Ch / 5.1Ch / 2.1Ch / 5.1Ch / 5.1Ch / 2.1Ch / 2.1Ch

**Blu-ray (3D, 2D) / DVD**: Blu-ray (3D, 2D) / DVD

**Crystal Amplifier Plus**: Crystal Amplifier Plus

**Glass Fiber Speaker Unit**: Crystal Amplifier Plus

**3D Sound Plus**: EZ MP3 Maker

**Smart Volume**: Crystal Amplifier Plus

**Virtual Surround**: Crystal Amplifier Plus

**BD Wise**: Crystal Amplifier Plus

**Wireless Rear Speaker**: Full HD Up-scaling

**Wireless LAN Built-in**: Full HD Up-scaling

**HDMI**: Full HD Up-scaling

**Bluetooth**: Crystal Amplifier Plus

**AllShare Play**: Crystal Amplifier Plus

---

### BD HES / DVD HES Specs

**Sound Output**: 100W / 100W

**Channels**: 2.1Ch / 2.1Ch

**Blu-ray (3D, 2D)**: Blu-ray (3D, 2D)

**Wireless Subwoofer**: Blu-ray (3D, 2D)

**Smart TV**: Blu-ray (3D, 2D)

**MP3 Enhancer**: Blu-ray (3D, 2D)

**Smart Hub**: Blu-ray (3D, 2D)

**AllShare Play**: Blu-ray (3D, 2D)

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*New features in 2012.

**Samsung AV’s specifications, features and model availability may vary by region.*
**BD HDD / Smart PVR / BDP / DVD Player Specs**

<table>
<thead>
<tr>
<th>Blu-ray Player</th>
<th>DVD Player</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HDD Built in</strong></td>
<td><strong>HDD Built in</strong></td>
</tr>
<tr>
<td>1 TB / 500 GB / 320 GB</td>
<td>1 TB / 500 GB / 320 GB</td>
</tr>
<tr>
<td>Wireless LAN Built-in</td>
<td>Wireless LAN Built-in</td>
</tr>
<tr>
<td>Smart Hub</td>
<td>Smart Hub</td>
</tr>
<tr>
<td>AllShare Play</td>
<td>AllShare Play</td>
</tr>
<tr>
<td>Dust Proof</td>
<td>Dust Proof</td>
</tr>
<tr>
<td>Connect/Elite Move</td>
<td>Connect/Elite Move</td>
</tr>
<tr>
<td>Progressive Scan</td>
<td>Progressive Scan</td>
</tr>
<tr>
<td>Compact Size (30cm)</td>
<td>Compact Size (30cm)</td>
</tr>
<tr>
<td>External HDD</td>
<td>External HDD</td>
</tr>
<tr>
<td>BD Wise</td>
<td>BD Wise</td>
</tr>
<tr>
<td>Multi Format Player (BD/DVD/CD)</td>
<td>Multi Format Player (BD/DVD/CD)</td>
</tr>
<tr>
<td>DivX (SD)</td>
<td>DivX (SD)</td>
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<tr>
<td>Dual Core</td>
<td>Dual Core</td>
</tr>
<tr>
<td>PIP</td>
<td>PIP</td>
</tr>
<tr>
<td>EZ View</td>
<td>EZ View</td>
</tr>
<tr>
<td>Quick Start Mode</td>
<td>Quick Start Mode</td>
</tr>
<tr>
<td>HS Tuner Built-in</td>
<td>HS Tuner Built-in</td>
</tr>
</tbody>
</table>

**Product fiche**

<table>
<thead>
<tr>
<th>C</th>
<th>Supplier's Name</th>
<th>Samsung</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model Name</strong></td>
<td>UE19ES40**</td>
<td>UE22ES50**/54**</td>
</tr>
<tr>
<td></td>
<td>UE32EH40**</td>
<td>UE32EH50**/52**/53**</td>
</tr>
<tr>
<td></td>
<td>UE40EH50**/52**/53**</td>
<td>UE46EH50**/52**/53**</td>
</tr>
<tr>
<td><strong>Energy Efficiency Class</strong></td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td><strong>Screen Size</strong></td>
<td>Centimetres</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>Inches</td>
<td>18.5</td>
</tr>
<tr>
<td><strong>On mode power Consumption (W)</strong></td>
<td>21.4</td>
<td>28.0</td>
</tr>
<tr>
<td><em><em>Annual Energy Consumption</em> (kWh)</em>*</td>
<td>31</td>
<td>41</td>
</tr>
<tr>
<td><strong>Standby-mode Power Consumption (W)</strong></td>
<td>0.30</td>
<td>0.30</td>
</tr>
<tr>
<td><strong>Off-mode Power Consumption (W)</strong></td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Screen Resolution</strong></td>
<td>1920*1080</td>
<td>1920*1080</td>
</tr>
</tbody>
</table>

*Energy consumption XYZ kWh per year, based on the power consumption of the television operating 3 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

**EU Energy Regulation**

Please fill out the appropriate information according to the models sold in your country/region. Also, please make sure to advise with your legal team before final submission.

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**Notes:**

- New features in 2012.
- Supplier’s Name: Samsung
- Model Name: UE19ES40**, UE22ES50**/54**, UE32EH40**, UE22ES50**/54**, UE32EH50**/52**/53**, UE40EH50**/52**/53**, UE46EH50**/52**/53**
- Screen Size: Centimetres 47, 66, 80, 55, 80, 101, 117
- On mode power Consumption: 21.4, 28.0, 35.0, 22.4, 39.0, 55.0, 62.0
- Annual Energy Consumption: 31, 41, 51, 33, 57, 80, 91
- Standby-mode Power Consumption: 0.30, 0.30, 0.30, 0.30, 0.30, 0.30, 0.30
- Off-mode Power Consumption: N/A, N/A, N/A, N/A, N/A, N/A, N/A

**Note:** Energy consumption XYZ kWh per year, based on the power consumption of the television operating 3 hours per day for 365 days. The actual energy consumption will depend on how the television is used.