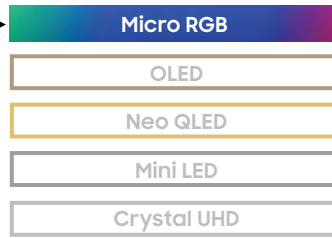


CLASS HIERARCHY



SIZE CLASS

75"	MRN75R85HAFXZA
65"	MRN65R85HAFXZA
55"	MRN55R85HAFXZA

Samsung Vision AI UP TO 144Hz*

HDR10+ ADVANCED Dolby Atmos

AMD FreeSync Premium Pro

SmartThings

Discover an expanded world of color¹ covering 100% of the full UHD spectrum² for vibrant picture. Our best 4K AI processor takes your shows and movies to the next level, delivering vivid brightness and deep contrast. Plus, eliminate distracting reflections from bright rooms with Glare Free technology.

TOP 10 KEY FEATURES

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Micro RGB Technology 2. Micro RGB AI Engine 3. Micro RGB Precision Color 4. Motion Xcelerator 144Hz³ 5. Micro RGB Color Booster Pro² | <ol style="list-style-type: none"> 6. Micro RGB HDR+⁴ 7. 4K AI Upscaling⁴ 8. AI Sound Controller⁴ 9. Freesync Premium™ Pro 10. Dolby Atmos and Object Tracking Sound Lite |
|---|---|

PICTURE (PANEL)

Display Type: Micro RGB
 Refresh Rate: 144Hz (VRR Support)
 Lighting Technology: Micro RGB Technology
 Display Resolution: 4K (3,840 x 2,160)
 Anti Reflection: N/A
 Viewing Angle: Wide Viewing Angle
 Dimming Technology: Ultimate Micro Dimming⁵

PICTURE (PROCESSING)

Processor: Micro RGB AI Engine⁴
 Upscaling: 4K AI Upscaling⁴
 Variable Refresh Rate (VRR): Yes
 Motion Handling: Motion Xcelerator 144Hz³
 DLG (Dual Line Gate): 240Hz⁶
 Contrast Enhancer: Real Depth Enhancer
 Contrast Booster: Yes
 AI Motion Enhancer: N/A⁴
 Color: Micro RGB Precision Color²
 Micro RGB Color Booster: Pro²
 HDR (High Dynamic Range): Micro RGB HDR+⁴
 HDR10+: Yes (Adaptive/Gaming/Advanced)
 Auto HDR Remastering: Yes⁴
 Adaptive Picture: AI Optimized / AI Customization
 Supersize Picture Enhancer: 85" & 100" Only

AUDIO

Speaker Type: 2CH
 Output Power (W): 30W
 Dolby Atmos: Yes
 Object Tracking Sound (OTS): OTS Lite
 Q-Symphony: Yes⁷
 Active Voice Amplifier (AVA): AVA Pro⁴
 Adaptive Sound: Pro⁴
 Bluetooth Audio: Yes
 360 Audio: Yes

DESIGN

TV Design: Monolith Edge
 Bezel Type: 3 Bezel-less
 Front Color: Titan Black
 Stand Type: Round Feet
 Stand Color: Black
 Adjustable Stand: Yes

CONNECTIVITY

Wi-Fi: Yes (Wi-Fi 6E)
 Bluetooth: Yes (BT5.3)
 One Connect Box: N/A
 HDMI Inputs⁸: 4 Ports
 HDMI Maximum Input Rate: 4K 144Hz (for HDMI 1/2/3/4)
 HDMI Audio Return Channel: eARC
 HDMI-CEC: Yes
 USB Ports: 2 x USB-A
 Ethernet (LAN): Yes
 Digital Audio Out (Optical): Yes
 RF Connection: Yes
 RS-232C Input: Yes

Samsung Vision AI

Vision AI Companion¹⁰: Yes⁴
 AI Soccer Mode: Yes¹¹
 AI Sound Controller: Yes¹²
 Live Translate: Yes
 Generative Wallpaper: Yes
 Multi AI Agents (Copilot & Perplexity): Yes
 Pet & Family Care: Yes
 Home Insight: Yes:

TV ART FEATURES

Art Mode: N/A
 Art Store: Yes¹³

SMART TV FEATURES¹⁴

Operating System: One UI Tizen
 Free Ad Support TV: Samsung TV Plus
 Smart Home Connectivity: SmartThings¹⁵, Matter, IoT-Sensor Functionality, Quick Remote
 Smart Assistants (Built-In): Bixby, Alexa
 Smart Assistants (Works with): Google Assistant
 Far-Field Voice Interactions: Yes
 Web Browser: Yes
 Samsung Health: Yes¹⁶
 Multi Device Experience: Mobile to TV, TV initiates mirroring, Sound Mirroring, Wireless TV On
 Multi-View: Up to 2 videos
 Buds Auto Switch: Yes
 Works with Apple Airplay: Yes
 Works with Google Cast: Yes
 Daily+: Yes
 Now Brief: Yes Voice/User Detection
 Workout Tracker: Yes
 Karaoke Mic: Yes¹⁷
 Multi-Control: Yes
 Storage Share: Yes

GAMING

Gaming Hub: Yes¹⁸
 Cloud Gaming: Yes - Xbox, NVIDIA GeForce Now, Luna, Blacknut, Antstream, Boosteroid
 Auto Game Mode: AI Auto Game Mode
 ALLM (Auto Low Latency Mode): Yes
 Game Motion Plus: Yes
 Super Ultra Wide Game View¹⁹: Yes
 Game Bar: Yes
 Mini Map Zoom: Yes
 AMD FreeSync: Freesync Premium™ Pro
 NVIDIA G-SYNC: N/A
 HGIG: Yes
 Hue Sync: Yes

SECURITY

Knox Vault: N/A
 Knox Security: Yes

POWER

Power Supply (V): AC110-120V~ 50/60Hz
 Stand-by Power Consumption (W): 0.5W
 Eco Sensor: Yes
 Auto Power Saving: Yes
 Auto Power Off: Yes

INCLUDED ACCESSORIES

Remote Control: BT SolarCell™ Remote TM2660H
 Power Cable: Yes
 Slim Fit Wall-mount Support: Yes

MODELS

MODEL: MRN75R85H
ORDER CODE: MRN75R85HAFXZA

SCREEN SIZE CLASS: 75"

SCREEN DIAGONAL MEASUREMENT: 74.5"

UPC CODE: 1198957287220

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV without Stand: 65.6 x 37.7 x 2.1
- TV with Stand (Lowest): 65.6 x 39.1 x 12.6
- TV with Stand (Highest): 65.6 x 40.1 x 12.6
- Distance between stand (Default): 55.2"
- Distance between stand (Minimum): 13.4"
- Shipping: 72 x 42.3 x 6.5
- Stand Footprint: 1 x 9.4 x 12.6

WEIGHT (LB):

- TV without Stand: 56
- TV with Stand: 57.1
- Shipping: 75.6

VESA SUPPORT: YES (400X300)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT SolarCell™ Remote TM2660H
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

MODEL: MRN55R85H
ORDER CODE: MRN55R85HAFXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 198957287183

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV without Stand: 48.2 x 27.9 x 2
- TV with Stand (Lowest): 48.2 x 29.3 x 8.6
- TV with Stand (Highest): 48.2 x 30.3 x 8.6
- Distance between stand (Default): 40.7"
- Distance between stand (Minimum): 9.8"
- Shipping: 53.2 x 31.8 x 5
- Stand Footprint: 1 x 7.9 x 8.6

WEIGHT (LB):

- TV without Stand: 32.2
- TV with Stand: 32.8
- Shipping: 43.2

VESA SUPPORT: YES (300 X 200)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT SolarCell™ Remote TM2660H
- Power Cable
- USER Manual

WARRANTY: [CLICK HERE](#)

MODEL: MRN65R85H
ORDER CODE: MRN65R85HAFXZA

SCREEN SIZE CLASS: 65"

SCREEN DIAGONAL MEASUREMENT: 64.5"

UPC CODE: 198957287206

COUNTRY OF ORIGIN: MEXICO

DIMENSIONS (INCHES W X H X D):

- TV without Stand: 56.8 x 32.7 x 2
- TV with Stand (Lowest): 56.8 x 34.1 x 10.1
- TV with Stand (Highest): 56.8 x 35.1 x 10.1
- Distance between stand (Default): 47.6"
- Distance between stand (Minimum): 11.8"
- Shipping: 62.1 x 36.7 x 5.6
- Stand Footprint: 1 x 8.6 x 10.1

WEIGHT (LB):

- TV without Stand: 42.1
- TV with Stand: 43
- Shipping: 56.4

VESA SUPPORT: YES (400X300)

ACCESSORIES INCLUDED IN BOX:

- Remote Model: BT SolarCell™ Remote TM2660H
- Power Cable
- User Manual

WARRANTY: [CLICK HERE](#)

¹4K 144Hz is only available with PC-connected games that support such specifications (PC graphic card required). Performance may vary.

²Covers 100% of UHD color spectrum (BT 2020), as compared to DCI-P3.

³VDE's verification evaluates products based on the test criteria established by the International Telecommunication Union (ITU) for UHD (4K) color standards, BT.2020, and certifies Micro RGB Precision Color.

⁴4K 144Hz is only available with PC-connected games that support such specifications (PC graphic card required). Performance may vary.

⁵Utilizes AI-based formulas.

⁶Ultimate Micro Dimming is Software-based (not full-array hardware-based) technology.

⁷DLG 240Hz can be enabled in settings and will reduce image resolution. Up to 240Hz only available with PC connected games that support such specifications (PC graphics card required). Visual quality and results vary by title and system configuration.

⁸Q-Symphony requires a compatible 2020-2026 Samsung TV. Please refer to [samsung.com](#) for more information.

⁹HDMI-CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices.

¹⁰Samsung Vision AI features vary by model, see individual model for more info.

¹¹AI inputs and queries may be recorded and shared with 3rd party providers. Requires Samsung account and consent to Viewing Information Service, must be 18 years or older. Accuracy not guaranteed. Check results.

¹²AI Soccer Mode must be turned on in settings. Utilizes AI-based formulas.

¹³Feature availability varies by input source/app. Utilizes AI-based formulas; results vary. Samsung account and internet access required.

¹⁴Fees apply to subscription service.

¹⁵Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log into Samsung Account (free to download and create). Without Account login, only external device connections (e.g., via

HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.

¹⁶SmartThings require compatible devices only. SmartThings app download may be required.

¹⁷Subscriptions may be required for some services. Smart Trainer support devices may vary by country.

¹⁸Requires SmartThings app to be installed on the mobile device and connected via the same Wi-Fi network as the TV set. Mobile mic is compatible only with Galaxy S23 or later models and iPhone 15 & above. You must download the Karaoke app from Tizen to use the Karaoke function. An additional paid subscription is

required for this service after 6 months of free use. (Users can access 5 songs per day for free without a subscription.)

¹⁹High speed internet connection, additional gaming service subscriptions and compatible controller required.

²⁰Super Ultrawide Game View is supported for PC games only. This is feature is only available for ultra wide supported games. Some game titles may not support this function or may be limited to use this feature. Screen resolution change from external device may be required.