

2019 QLED Comparison Chart



TV Image	Q900R	Q90R	Q80R	Q70R	Q60R	The Frame	RU8000	RU7300	RU7100
Type/Screen Size	Flat 98" 82" 75" 65"	Flat 82" 75" 65"	Flat 82" 75" 65" 55"	Flat 85" 82" 75" 65" 55" 49"	Flat 82" 75" 65" 55" 49" 43"	Flat 65" 55" 49" 43"	Flat 82" 75" 65" 55" 49"	Curved 65" 55"	Flat 75" 65" 58" 55" 50" 43"

Picture Quality

Resolution	8K UHD	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD
Color Volume	100% Color Volume	100% Color Volume	100% Color Volume	100% Color Volume	100% Color Volume	100% Color Volume	-	-	-
HDR Support	All Samsung 4K UHD TVs support HDR10, HDR10+, and HLG (Hybrid Log Gamma) Profiles								
Backlight	Full Array 16X	Full Array 16X	Full Array 8X	Full Array 4X	Edge Lit	Edge Lit	Edge Lit	Edge Lit	Edge Lit
Viewing Angle	Ultra Viewing Angle	Ultra Viewing Angle	Ultra Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	-	Wide Viewing Angle	-	-
Motion Rate	MR240	MR240	MR240	MR240 (49" MR120)	MR240 (49" 43" MR120)	MR240 (49" 43" MR120)	MR240 (49" MR120)	MR120	MR120

Design

One Invisible Connection™ and One Connect Box	Supplied 5m cable; optional in-wall rated 15m cable	Supplied 5m cable; optional in-wall rated 15m cable	Back of TV connectivity	Back of TV connectivity	Back of TV connectivity	Supplied 5m cable; optional in-wall rated 15m cable	Back of TV connectivity	Back of TV connectivity	Back of TV connectivity
No Gap Wall Mount™ ¹	98" 82" Included 75" 65" Optional	Optional	Not supported	Not supported	Not supported	Included in carton	Not supported	Not supported	Not supported
VESA Support	All Samsung 2019 TVs Support VESA Wall Mount Standards. See Product Spec Sheet, 2D Drawing or USER MANUAL for the by-model bolt-hole dimensions								
Lifestyle Modes	Ambient Mode™	Ambient Mode™	Ambient Mode™	Ambient Mode™	Ambient Mode™	Art Mode	N/A	N/A	N/A

Smart

Samsung Smart Remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Standard Remote	Standard Remote
----------------------	-----	-----	-----	-----	-----	-----	-----	-----------------	-----------------

Connectivity

HDMI/USB	4/3	4/3	4/2	4/2	4/2	4/3	4/2	3/2	3/2
A/V; Y, Pb, Pr	No	No	No	No	No	No	No	1 — Shared A/V, component video input	1 — Shared A/V, component video input
BT HID Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Optical Out	All Samsung 4K Ultra HDTVs Support Optical Audio Out								
Serial Control	Yes, via e-link	Yes, via e-link	Yes, via e-link	Yes, via e-link	Yes, via e-link	Yes, via e-link	Yes, via e-link	Yes, requires USB serial adapter ²	Yes, requires USB serial adapter ²
IP Control	Samsung 2019 RU7100 Series and above support AMX, Control4, Crestron, RTI, SAVANT, URC Automatic Home Control Systems								

Support

Tech Hotline	Samsung Tech Support Hotline 866.797.8736
CI Web Portal	Register to download custom installer product info, 2D drawings, etc. www.samsung.com/us/business/custominstall/
IP Control Support	Contact Your AMX, Control4, Crestron, RTI, Savant, or URC Hotline

Calibration

CalMan with Auto CAL	Requires Autocal S/W — Contact SpectraCal/Portrait
----------------------	--

¹A small gap between the wall and TV may occur if wall is not 100% flat or is constructed off-angle to the floor or if installed incorrectly. ²The USB Serial Adapter must be ordered from an Authorized Samsung Custom Install Distributor.
©2019 Samsung Electronics America, Inc. Samsung is a registered trademark of Samsung Electronics Co., Ltd. All other brand, product and service names and logos are the property of their respective owners.