

Samsung Smart Signage Specification Overview

Model Name	Model code	Usage Time	Resolution	Inputs	Video-out	Dimensions [cm]	Weight [kg]	Brightness [nits]	Haze [°]	Contrast	VESA [mm]	Power-consumer	Platform / player	Network	Landscape/Portrait SPP/QPVS	Deco Frame	Wall-mount	EnergyStar	Comment
Standalone Signage, limited media player embedded																			
QE Entry level	QE43T	LH43QETELGCKEN	16/7	UHD	HDMI 2.0 (2)		96.39 x 55.89 x 5.96	8.4	300	2%	4000:1	200x200	C7	Tizen 4 / MI Lite	RJ45		L	WMN40705E	
	QE50T	LH50QETELGCKEN	16/7	UHD	HDMI 2.0 (2)		111.68 x 64.42 x 5.99	11.7	300	2%	4000:1	200x200	C7	Tizen 4 / MI Lite	RJ45		L	WMN40705E	
	QE55T	LH55QETELGCKEN	16/7	UHD	HDMI 2.0 (2)		123.05 x 70.72 x 5.99	14.1	300	2%	4000:1	200x200	C7	Tizen 4 / MI Lite	RJ45		L	WMN40705E	
	QE65T	LH65QETELGCKEN	16/7	UHD	HDMI 2.0 (2)		144.94 x 83.03 x 5.99	21.2	300	2%	4000:1	400x300	C7	Tizen 4 / MI Lite	RJ45		L	WMN42775E	
	QE75T	LH75QETEPGCKEN	16/7	UHD	HDMI 2.0 (2)		167.32 x 95.82 x 5.99	30.9	300	2%	1200:1	400x400	C7	Tizen 4 / MI Lite	RJ45		L	WMN42775E	
	QE85T	LH85QETELGCKEN	16/7	UHD	HDMI 2.0 (2)		190.09 x 108.62 x 2.69	41.5	300	2%	4000:1	600x400	C7	Tizen 4 / MI Lite	RJ45		L	WMN82005G	
	QE98C	LH98QECEDGCKEN	16/7	UHD	HDMI 2.0 (4)		218.06 x 124.39 x 4.84	56.3	450	2%	5000:1	600x400	C13	Tizen 6.5 / MI Lite	RJ45/Wi-Fi		L	WMN-82005C	Stand in box

Bussiness TV, with Signage app and Tuner

BED Business TV	BE43D-H	LH43BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		96.75 x 56.14 x 5.97	7.1	300	3%	5000:1	200x200	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	
	BE50D-H	LH50BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		112.03 x 64.70 x 6.0	9.5	300	1%	1200:1	200x200	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	
	BE55D-H	LH55BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		123.41 x 71.08 x 6.03	11.2	300	1%	900:1	200x200	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	
	BE65D-H	LH65BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		145.29 x 83.40 x 6.06	15.9	300	3%	4000:1	400x300	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	
	BE75D-H	LH75BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		167.75 x 96.24 x 6.11	25.3	300	3%	4600:1	400x400	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	
	BE85D-H	LH85BEDHLGUXEN	16/7	UHD	HDMI 2.0 (3)/DVB-T2CS2		190.12 x 108.84 x 6.14	32.5	300	2%	6000:1	600x400	C7	Tizen 8/BizTV/VX/T	RJ45/Wi-Fi 2.4/5		L	Table stand incl.	

Standalone Signage, Samsung Smart Signage Platform

QBC-N Basic No Network	QB55C-N	LH55QBCNBGCKEN	16/7	UHD	HDMI 2.0 (3)		123.79 x 70.88 x 2.85	15.7	350	2%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45		L/P	WMN-8505C	8	
	QB65C-N	LH65QBCNBGCKEN	16/7	UHD	HDMI 2.0 (3)		145.68 x 83.19 x 2.85	21.5	350	2%	4000:1	400X300	C7	Tizen 7/TEP/SSSP	RJ45		L/P	WMN-8505C	8	
	QB75C-N	LH75QBCNBGCKEN	16/7	UHD	HDMI 2.0 (3)		168.23 x 96.04 x 2.85	33.4	350	2%	4000:1	400x400	C7	Tizen 7/TEP/SSSP	RJ45		L/P	WMN-8505C	8	
	QB85C-N	LH85QBCNBGCKEN	16/7	UHD	HDMI 2.0 (3)		190.43 x 108.53 x 2.85	41.9	350	2%	4000:1	600x400	C7	Tizen 7/TEP/SSSP	RJ45		L/P	WMN-8505C	8	
QB13	QB13R-M	LH13QBRMBGCKEN	16/7	FHD	HDMI 1.4		32.2 x 19.35 x 2.82	0.9	500	10%	800:1	100x100	DC14V	Tizen 4/SSSP6	RJ45/Wi-Fi 2.4		L/P	-	8	
	QB24C	LH24QCBCEBGCKEN	16/7	FHD	HDMI 1.4		54.79 x 33.44 x 31.8	3.0	250	25%	1000:1	100x100	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	-	8	
	QB43C	LH43QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		96.95 x 55.78 x 2.85	8.8	350	2%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QB50C	LH50QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		112.41 x 64.48 x 2.85	11.8	350	3%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
QBC Basic	QB55C	LH55QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		123.79 x 70.88 x 2.85	15.7	350	2%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QB65C	LH65QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		145.68 x 83.19 x 2.85	21.5	350	2%	4000:1	400x300	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QB75C	LH75QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		168.23 x 96.04 x 2.85	33.4	350	2%	4000:1	400x400	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QB85C	LH85QCBCEBGCKEN	16/7	UHD	HDMI 2.0 (3)		190.43 x 108.53 x 2.85	41.9	350	2%	4000:1	600x400	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QB98C	LH98QCBCEBGCKEN	24/7	FHD	HDMI 2.0 (3)		72.73 x 42.19 x 2.85	5.2	400	2%	1200:1	100x100	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	-	8
	QM43C	LH43QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		96.95 x 55.78 x 2.85	8.8	500	25%	1200:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	-	WMN-8505C	8
	QM50C	LH50QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		112.41 x 64.48 x 2.85	11.8	500	25%	1200:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	-	WMN-8505C	8
	QM55C	LH55QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		123.79 x 70.88 x 2.85	15.7	500	25%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QM65C	LH65QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		145.68 x 83.19 x 2.85	21.2	500	25%	4000:1	400x300	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QM75C	LH75QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		168.23 x 96.04 x 28.5	33	500	25%	4000:1	400x400	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QM85C	LH85QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		190.43 x 108.53 x 2.85	41.4	500	25%	4000:1	600x400	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QM98C	LH98QMCPEFGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		219.32 x 124.88 x 4.81	56.3	500	25%	5500:1	600x400	C13	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	WMN-82005C	8	
QMC Mid-range	QH43C	LH43QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		96.95 x 55.78 x 2.85	9.3	700	25%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QH50C	LH50QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		112.41 x 64.48 x 2.85	12.4	700	25%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QH55C	LH55QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		123.79 x 70.88 x 2.85	16.9	700	25%	4000:1	200x200	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QH65C	LH65QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		145.68 x 83.19 x 2.85	22.4	700	25%	4000:1	400x300	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QH75C	LH75QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		168.23 x 96.04 x 2.85	34.2	700	25%	4000:1	400x400	C7	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	O	WMN-8505C	8
	QH98C	LH98QHCCEBGCKEN	24/7	UHD	HDMI 2.0 (3)/DP 1.2		219.32 x 124.88 x 4.81	56.3	700	25%	5500:1	600x400	C13	Tizen 7/TEP/SSSP	RJ45/Wi-Fi 2.4/5		L/P	WMN-82005C	8	

Window Display

OM	OM46B	LH46OMBEBGBXEN	24/7	FHD	HDMI 2.0(2)	HDMI	106.2 x 61.66 x 5.45	18.2	4000	0%	6000:1	400x400	C13	Tizen 5/SSSP7	RJ45/Wi-Fi 2.4		L/P	-	
	OM55N-S	LH55OMNESGBXEN	24/7	FHD	DP/HDMI 2.0(2)	HDMI	125.34 x 72.42 x 5.45	22.1	4000	0%	6000:1	400x400	C13	Tizen 5/SSSP7	RJ45/Wi-Fi 2.4		L/P	-	
	OM55B	LH55OMBEBGBXEN	24/7	UHD	HDMI 2.0(2)	HDMI	125.34 x 72.42 x 5.45	23.1	3000	1%	1200:1	400x400	C13	Tizen 5/SSSP7	RJ45/Wi-Fi 2.4		L/P	-	
	OM75A	LH75OMAEBGBXEN	24/7	UHD	DP/HDMI 2.0(2)	HDMI	170.31 x 98.11 x 8.54	37.2	4000	1%	1200:1	400x400	C13	Tizen 5/SSSP7	RJ45/Wi-Fi 2.4		L/P	-	
OMN-D	OM55N-DS	LH55OMNDSGBXEN	24/7	FHD	HDMI 2.0(2)		72.68 x 129.9 x 6.95	42	3K/1k	0%	6000:1		C13	Tizen 5/SSSP7	RJ45/Wi-Fi 2.4		P	-	

Outdoor Signage

OH	OH24B	LH24OHBEBGBXEN	24/7	FHD	HDMI 2.0		57.30 x 34.24 x 5.98	8.4	1500	0%	1000:1	100x100	C13	Tizen 6.5/TEP/SSSP	RJ45/ Ext Wifi in-box		L/P	-	
	OH46B-S	LH46OHBESGBXEN	24/7	FHD	HDMI 2.0(2)/HDBaseT		106.9 x 62.36 x 8.5	36	3500	0%	6000:1	995x500	C13	Tizen 6.5/TEP/SSSP	RJ45		L/P	-	
	OH55A-S	LH55OHAESGBXEN	24/7	FHD	HDMI 2.0(2)/HDBaseT		126.06 x 73.14 x 8.5	46.1	3500	0%	6000:1	1186x560	C13	Tizen 5/SSSP7	RJ45		L/P	-	
	OH75A	LH75OHAEBGBXEN	24/7	UHD	DP 1.2/HDMI 2.0(2)		177.48 x 105.34 x 13.0	134	3500	1%	1200:1	870x1118.4	-	Tizen 5/SSSP7	RJ45		L/P	-	

Videowall Display

VMB-U	VM46B-U	LH46VMBUBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	102.2 x 57.7 x 6.99	15.7	500	25%	1200:1	600x400	C13		RJ45	SBB	L/P	WMN-46VD/EN	b2b 3.5 mm
	VM55B-U	LH55VMBUBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	121.35 x 68.43 x 7.31	19.4	500	25%	1200:1	600x400	C13		RJ45	SBB	L/P	WMN-55VD/EN	b2b 3.5 mm
Vx-C-E	VM55C-E	LH55VMCEBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	121.22 x 68.3 x 7.04	19.5	500	28%	1000:1	600x400	C13		RJ45	SBB	L/P	WMN-55VD/EN	b2b 1.74 mm
	VM55C-E	LH55VMCEBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	121.22 x 68.3 x 7.04	19.5	700	28%	1000:1	600x400	C13		RJ45	SBB	L/P	WMN-55VD/EN	b2b 1.74 mm
Vx-C-R	VM55C-R	LH55VMCRBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	121.10 x 68.17 x 6.99	16.8	500	28%	1100:1	600x400	C13		RJ45	SBB	L/P	WMN-55VD/EN	b2b 0.88 mm
	VM55C-R	LH55VMCRBGBXEN	24/7	FHD	DVI-D/DP 1.2/HDMI 2.0(2)	DP	121.10 x 68.17 x 6.99	16.8	700	28%	1100:1	600x400	C13		RJ45	SBB	L/P	WMN-55VD/EN	b2b 0.88 mm

Special - Stretch, 2L9, Kiosk

SH	SH37C	LH37SHECBGBXEN	24/7		HDMI 1.4(3)		92.33 x 27.76 x 4.48	6.3	700	28%	4000:1	400x200	C13	Tizen 6.5/TEP/SSSP	RJ45/Wi-Fi 2.4/5	L/P	-	8	1920x540
QPD-DX	QP105D-SK	LH105QPD5BGXEN	24/7	5K	HDMI 2.1(3)/DP 1.4/USB-C/OPS		248.43 x 106.8 x 4.81	55.6	500	25%	4000:1	1000x400	C13	Tizen 8/TEP/SSSP	RJ45/Wi-Fi 2.4/5	L/P		8	5120x2160 v8
Kiosk Thin	KM24A	LH24KMATBGCXEN	16/7	FHD	HDMI 1.4		33.44 x 54.79 x 4.88	4.4	250*	25%*	1000:1	200x200	C7	Tizen 4/SSSP6	RJ45/Wi-Fi 2.4/5	P			
Kiosk Win	KM24C	LH24KMCTBGCXEN	16/7	FHD			33.44 x 54.79 x 4.88	4.3	250*	25%*	1000:1	200x200	Ext	Win 10 IoT	RJ45	P			***