

Samsung QM55R Digital signage flat panel 139.7 cm (55") LED Wi-Fi 500 cd/m² 4K Ultra HD Black Tizen 4.0 24/7

Brand : Samsung

Product code: LH55QMREBGCXEN

Product name : QM55R

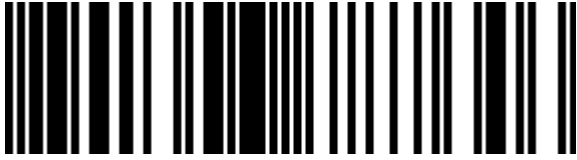
- Dynamic Crystal Colour
 - UHD Resolution
 - Intelligent UHD Upscaling
- 55" UHD 4K Signage QM55R

Samsung QM55R. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LED, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Tizen 4.0. Product colour: Black



Display		Performance	
LED backlighting type	Edge-LED BLU	Purpose *	Universal
Display diagonal *	139.7 cm (55")	Operating hours (hours/days)	24/7
Display technology *	LED	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	2.2
Display brightness *	500 cd/m ²	Energy Management	
HD type *	4K Ultra HD	Power consumption *	108 W
Touch screen *	✗	Power consumption (sleep mode)	0.5 W
Native aspect ratio	16:9	AC input voltage	100 - 240 V
Response time	8 ms	AC input frequency	50 - 60 Hz
Contrast ratio (typical)	4000:1	Heat dissipation	487.6 BTU/h
Dynamic contrast ratio marketing name	Mega Contrast	Energy efficiency scale	A+++ to D
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Computer system *	✓
Display number of colors	16.78 million colours	Processor family	ARM Cortex
Pixel pitch	0.105 x 0.315 mm	Processor	A72
Active display area (W x H)	1209.6 x 680.4 mm	Processor frequency	1.7 GHz
Display diagonal (metric)	138 cm	Processor number of cores	4
Display scan frequency (horizontal)	30 - 81 kHz	Internal memory	2.5 GB
Vertical scan range	48 - 75 Hz	Internal storage capacity	8 GB
Native refresh rate	60 Hz	Operating system installed	Tizen 4.0
Color gamut	72%	Video formats supported	AVC, AVS, H.263, H.264, HEVC, MPEG1, MPEG2, MPEG4, VC-1, VP8, VP9
Ports & interfaces		Audio formats supported	AC3
HDMI ports quantity *	3	Image formats supported	JPEG, PNG
HDMI version	2.0	Weight & Dimensions	
HDMI input ports quantity	2	Width	1235.1 mm
HDMI output ports quantity	1	Depth	46.3 mm
DVI port *	✓	Height	707.9 mm
DisplayPorts quantity *	1	Weight	18.1 kg
USB port *	✓	Packaging Data	
Number of USBs	2	Package width	1402 mm
USB version	2.0	Package depth	163 mm
Ethernet LAN connection *	✓	Package height	858 mm
Ethernet LAN (RJ-45) ports quantity	1		
Wi-Fi *	✓		
PC Audio in	✓		

Ports & interfaces		Packaging Data	
RS-232 interface	✓	Package weight	23.6 kg
RS-232C	✓	Packaging Content	
Audio		Handheld remote control	✓
Built-in speakers *	✓	Batteries included	✓
Number of built-in speakers	2	Cables included	AC
RMS rated power	20 W	Operational Conditions	
Design		Operating temperature range (T-T)	0 - 40 °C
Product design *	Digital signage flat panel	Operating relative humidity range	10 - 80%
Placement supported *	Indoor	Certificates	
Orientation	Horizontal	Certification	60950-1, EMC B, EPEAT
Product colour *	Black	Logistics data	
VESA mounting *	✓	Harmonized System (HS) code	85285210
VESA mounting interfaces	200 x 200 mm	Technical Details	
Bezel width (bottom)	1.12 cm	Sustainability certificates	ENERGY STAR
Bezel width (side)	9.2 mm	Other features	
Bezel width (top)	9.2 mm	L2 cache	2048 KB
Anti-glare screen	✓	Memory clock speed	1500 MHz
Mounting type	Wall	User memory	4.12 GB
		Quick start guide	✓
		Annual energy consumption	158 kWh
		Bluetooth	✓
		Energy efficiency class (old)	A



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