




## 2. Product specifications

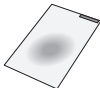
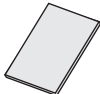




### 2-1. Feature & Specifications

Model	2494HS / 2494HSI / 2494HM	
Feature		
<ul style="list-style-type: none"><li>▶ Support PC / DVI / HDMI</li><li>▶ DC DC 50000:1 Applied</li><li>▶ Adopted two 3W speakers.</li><li>▶ USB (1 up, 2 down) optional</li><li>▶ HDCP Applied for HDMI/DVI-D Fixed Aspect Ratio Support</li><li>▶ Supports fixed horizontal and vertical ratios</li><li>▶ Supported camera effects: Black/Sepia/Green/Blue</li><li>▶ Supports the Off-timer function</li></ul>		
Specifications		
Item	Description	
Model	2494HS / 2494HSI	2494HM
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 23.6-Inch viewable, 0.2715(H)x0.2715(V) mm pixel pitch	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 24-Inch viewable, 0.2768(H)x0.2768(V) mm pixel pitch
Scanning Frequency	Horizontal: 30 kHz ~ 81 kHz (Automatic) Vertical: 56 Hz ~ 60 Hz	
Maximum Resolution	Horizontal: 1920 Pixels Vertical: 1080 Pxels	
Input Signal	PC/DVI/HDMI	
Input Sync Signal	Seperate H/V sync, Composite: automatic synchronization without external switch Level : TTL level (V high ≥ 2.0V, V low ≤ 0.8V)	
Maximum Pixel Clock Rate	164MHz	
Active Display Horizontal/Vertical	521.28(H) x 293.22(V) mm	531.36(H) x 298.89(V) mm
AC Power Voltage & Frequency	AC 90~264V Volts, 60/50Hz	
Power Consumption	Less than 48W	Less than 48W
Dimensions ( W X H X D )	572.8 x 227.4 x 420.4 mm (With Stand) 572.8 x 67.5 x 363.4 mm (Without Stand)	572.8 x 249.9 x 420.4 mm (With Stand) 572.8 x 67.5 x 363.7 mm (Without Stand)
Weight	Products: 6.2 kg	Products: 8.4 kg
Environmental Considerations	Operating Temperature: 10°C ~ 40°C(50°F ~ 104°F) Operating Humidity: 10% ~ 80% Storage temperature: -20°C ~ 45°C(-4°F ~ 113°F) Storage Humidity: 5% ~ 95%	
Note: Designs and specifications are subject to change without prior notice..		


2-2. Spec Comparison to the Old Models

Model	2494HS / 2494HSI	2494HM	2493HM
Design			
Screen Size	23.6"	24"	24"
Display Size	16:9	16:9	16:10
Brightness	300cd/m2	300cd/m2	400cd/m2
Dynamic CR	50000:1	50000:1	10000:1
Input Source	Analog/Digital/HDMI	Analog/Digital/HDMI	Analog/Digital/HDMI
Speaker	3Wx2	3Wx2	2Wx2
Magictune	Premium	Premium	Premium
Gamma	3 steps Mode1 / Mode2 / Mode3	3 steps Mode1 / Mode2 / Mode3	3 steps Mode1 / Mode2 / Mode3
MagicBright	7 steps (Text / Internet / Game / Sports / Movie / Dynamic CR / Custom)	7 steps (Text / Internet / Game / Sports / Movie / Dynamic CR / Custom)	7 steps (Text / Internet / Game / Sports / Movie / Dynamic CR / Custom)
Color Tone	4 Step Cool / Normal / Warm / Custom	4 Step Cool / Normal / Warm / Custom	4 Step Cool / Normal / Warm / Custom

2-3. Accessories

Product	Description	Ccde. No	Remark
	Quick Setup Guide	BH68-00174P	Samsung Electronics Service center
	Warranty Card (Not available in all locations)	BH68-01146A	
	User's Guide, Monitor Driver, Natural Color software, MagicTune™ software	BN59-00660F	
	D-Sub(15 Pin) Cable (Shipped as assembled with the set)	BN39-00244G	
	Power Cord	3903-00212	
	USB Cable(USB HAS stand only)	BN39-00397C	

2-4. Accessories (Sold separately)

Product	Description	Ccde. No	Remark
	DVI Cable	BN39-00246K	Samsung Electronics Service center

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