

B2030 · B2230 · B2330 · B2330H · B2430H

SAMSUNG

20", 21.5", 23", 24" Widescreen LCD Monitors



#### Features:

- 70,000:1 dynamic contrast ratio for vivid range and clear quality of multimedia contents (50,000:1 on B2030)
- HDMI connectivity on B2330H and B2430H
- Full HD 1920 x 1080 resolution (1600 x 900 on B2030)
- MagicEco feature allows you to work at 100%, 75% or 50% brightness, to reduce energy usage
- Low power consumption technology reduces energy use
- MagicReturn feature automatically displays dual-monitor content on a single monitor when one monitor is powered off
- VESA wall mount can be mounted on a wall or mounted on a stand (stand included)



B2430H

For those for whom ordinary is not an option, we created Samsung 30 series widescreen LCD monitors. Five models ranging from 20" to 24" each feature a rich, glossy black finish accented by an elegant clear acrylic bar along the bottom bezel. Inside, leading-edge technology results in picture quality second to none, with 70,000:1 dynamic contrast ratio (50,000:1 on B2030), full HD 1920 x 1080 resolution (1600 x 900 on B2030), and HDMI connectivity on the B2330H and B2430H. And MagicReturn automatically displays dual-monitor content on a single monitor when one monitor is powered off. The extraordinary Samsung 30 series monitors.

B2030  
B2230  
B2330  
B2330H  
B2430H



20", 21.5", 23", 24" Widescreen LCD Monitors

**Features**

**Elegant Styling**

Samsung 30 series monitors feature rich, glossy black finishes accented by clear, crystal-like acrylic along the lower bezel. They're tasteful, elegant alternatives to the same old thing.

**Full HD Resolution and HDMI**

Enjoy the highest resolution with 1920 x 1080 (1600 x 900 on B2030). HDMI connectivity on B2330H and B2430H allows you to connect your Blu-ray player or HD gaming device.

**16:9 Widescreen**

The 16:9 widescreens give you more room for applications, palettes and widgets, and they're the proper ratio for movies and gaming without black bars.

**High Dynamic Contrast Ratio**

Up to 70,000:1 dynamic contrast ratio provides detailed whites and blacks, along with more subtle color transitions.

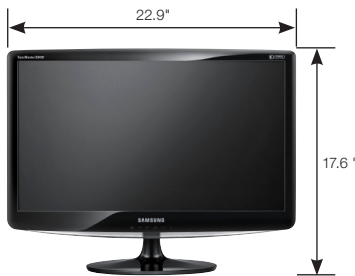
**Eco-Friendly**

MagicEco allows you to work at 100%, 75% or 50% brightness, to reduce energy usage. Low power consumption technology reduces energy use and energy bills even further.

**MagicReturn Technology**

Samsung's MagicReturn feature makes your life easier by automatically managing your dual-monitor content. When you turn off one monitor to save energy, all content is automatically shifted to the monitor that remains on.

**B2430H Dimensions**



Specifications		B2030	B2230	B2330/B2330H	B2430H
Display	Screen Size	20" Wide	21.5" Wide	23" Wide	24" Wide
	Brightness (Typical)	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
	Contrast Ratio (Typical/Dynamic)	1000:1/50,000:1	1000:1/70,000:1	1000:1/70,000:1	1000:1/70,000:1
	Resolution	1600 x 900	1920 x 1080	1920 x 1080	1920 x 1080
	Response Time (Typical)	5ms	5ms	5ms	5ms
	Viewing Angle (Horizontal/Vertical)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Color Support	16.7M	16.7M	16.7M	16.7M
Signal Input	Video Signal	Analog RGB, DVI	Analog RGB, DVI	B2330: Analog RGB, DVI B2330H: Analog RGB, DVI, HDMI (B2330H only)	Analog RGB, DVI, HDMI
	Sync. Signal	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
	Connector	15pin D-SUB, DVI-D	15-pin D-Sub, DVI-D	B2330: 15-pin D-Sub, DVI-D (B2330H only), HDMI	15-pin D-Sub, DVI-D, HDMI
Power	Power Consumption	25 Watts	45 Watts	45 Watts	45 Watts
	Stand By Power (DPMS)	<0.3W	<0.3W	<0.3W	<0.3W
	Type	Built-in	Built-in	Built-in	Built-in
Feature	Plug & Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B
	Mac Compatibility	■	■	■	■
	Wall Mount (mm)	75 x 75	75 x 75	75 x 75	75 x 75
	Cabinet Color	High Glossy Black	High Glossy Black	High Glossy Black	High Glossy Black
	Optional Accessory	DVI Cable	DVI Cable	DVI Cable	DVI Cable
	Special Feature	MagicBright 3, MagicEco, MagicAngle, MagicReturn, Off Timer, Image Size Color Effect, Customized Key, Windows 7, DVI with HDCP	MagicBright 3, MagicEco, MagicAngle, MagicReturn, Off Timer, Image Size Color Effect, Customized Key, Windows 7, DVI with HDCP	MagicBright 3, MagicEco, MagicAngle, MagicReturn, Off Timer, Image Size Color Effect, Customized Key, Windows 7, DVI with HDCP	MagicBright 3, MagicEco, MagicAngle, MagicReturn, Off Timer, Image Size Color Effect, Customized Key, Windows 7, DVI with HDCP
Dimension	Product Dimension (With Stand, W x H x D)	19.4" x 15.6" x 7.0"	20.6" x 15.7" x 7.8"	22.0" x 17.2" x 7.8"	22.9" x 17.6" x 7.8"
	Product Dimension (Without Stand, W x H x D)	19.4" x 13.0" x 2.7"	20.6" x 13.8" x 2.7"	22.0" x 14.6" x 2.6"	22.9" x 15.0" x 2.6"
	Shipment Dimension (W x H x D)	22.3" x 15.8" x 5.2"	23.6" 16.7" x 5.2"	25.4" x 17.8" x 5.5"	26.4" x 18.5" x 5.6"
Weight	Product Weight	9.0 lbs.	9.6 lbs.	10.9 lbs.	11.2 lbs.
	Shipment Weight	12.1 lbs.	13.0 lbs.	14.6 lbs.	14.8 lbs.
Stand	Type	Simple	Simple	Simple	Simple
	Function	Tilt	Tilt	Tilt	Tilt
Green Management	RoHS Compliant	■	■	■	■
	Energy Star Compliant	■	■	■	■
	Packaging Recyclability	All packaging materials are recyclable	All packaging materials are recyclable	All packaging materials are recyclable	All packaging materials are recyclable



Product Information: 1-866-542-7214 [samsung.com/monitor](http://samsung.com/monitor)  
Product Support: 1-800-SAMSUNG



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