

933BW • 2233SW • 2233BW • 2433BW

SAMSUNG

19", 21.5", 22" and 24" Widescreen LCD Monitors



#### Features:

- Distinctive soft design with rich piano black finish
- Integrated rear cable housing for a clean look
- Up to 1920 x 1080 full HD resolution (2233SW)
- 5ms response, up to 20,000:1 dynamic contrast ratio
- Exclusive Samsung Magic technologies for rich, natural color
- Custom key for one-touch access to preferred picture function
- 16:10 aspect ratio, 16:9 aspect ratio widescreen (2233SW)



2433BW

**imagine** a sculpture that doubles as a valuable business tool. That's the Samsung 33BW/SW series widescreen LCD monitors. Their soft curves, rich piano black finishes, clear acrylic accent bars and integrated cable housings lend distinctive style and sophistication to your desk. The widescreens mean more room for multitasking, while up to 1920 x 1080 full HD resolution, 5ms response, exclusive picture technologies and up to 20,000:1 dynamic contrast ratio give you fast, colorful, detailed motion video. Beauty inside and out.

933BW  
2233SW  
2233BW  
2433BW



19", 21.5", 22" and 24" Widescreen LCD Monitors

**Features**

**Distinctive Design**

Soft corners, rich piano black finish and acrylic accent bar will beautify any desk.

**Cable Housing**

Integrated rear housing hides cables, for a sleek, clean look.

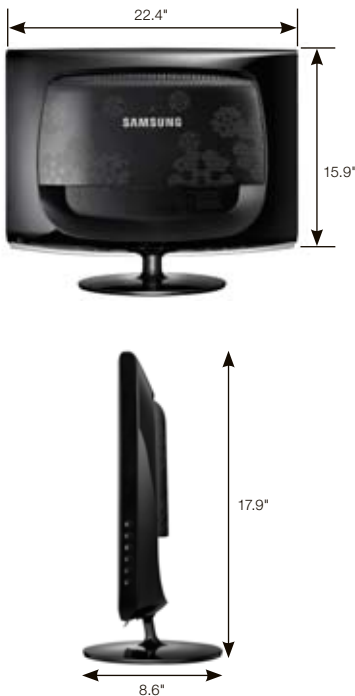
**Up to 1920 x 1080 Full HD**

The 2233SW features 1920 x 1080 full HD resolution, giving you the highest resolution possible.

**Custom Key**

The programmable Custom Key gives you instant one-touch access to your preferred Samsung picture optimization technology. MagicBright 3 gives you seven pre-set modes to choose from. MagicColor enhances color either overall or with regard to natural skin tones. Color Effect lets you view images in grayscale, green, aqua or sepia. And Image Size lets you properly view either 5:4 or 4:3 content on the widescreen without distortion.

**2433BW Dimensions**



**Specifications**

		933BW	2233SW	2233BW	2433BW
Display	Type	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN
	Viewable Size	19" Wide	21.5" Wide	22" Wide	24" Wide
	Native Resolution	1440 x 900	1920 x 1080	1680 x 1050	1920 x 1200
	Pixel Pitch (mm)	0.285	0.248	0.282	0.270
	Aspect Ratio	16:10	16:9	16:10	16:10
	Contrast Ratio	1000:1/15000:1 Dynamic	1000:1/15000:1 Dynamic	1000:1/20000:1 Dynamic	1000:1/20000:1 Dynamic
	Viewing Angle (H/V)	170°/160° (CR>10)	160°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Response Time	5ms	5ms	5ms	5ms
	Light Source	CCFL	CCFL	CCFL	CCFL
	Brightness (Typical)	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Panel Surface	Matte	Matte	Matte	Matte	
Video Input Signal	Maximum Color Supported	16.7M	16.7M	16.7M	16.7M
	Analog	Analog RGB	Analog RGB	Analog RGB	Analog RGB
	Digital	DVI (with HDCP)	DVI (with HDCP)	DVI (with HDCP)	DVI (with HDCP)
	Frequency (H/V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)
Compatibility	PC	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98
	Mac	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9
Input Connectors		15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)
Power	Voltage	AC 100-240 ~ VAC (±10%), 60/50 Hz ± 3 Hz	AC 100-240 ~ VAC (±10%), 60/50 Hz ± 3 Hz	AC 100-240 ~ VAC (±10%), 60/50 Hz ± 3 Hz	AC 100-240 ~ VAC (±10%), 60/50 Hz ± 3 Hz
	Consumption (Max/DPMS)	34 watts / <1 watt	40 watts / <1 watt	45 watts / <1 watt	50 watts / <1 watt
Controls	Basic	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3 presets, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3 presets, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3 presets, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3 presets, OSD Menu
	Advanced	Picture (Brightness, Contrast, Magic Bright), Color (MagicColor, Tone, Control, Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, Magic Bright), Color (MagicColor, Tone, Control, Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, Magic Bright), Color (MagicColor, Tone, Control, Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, Magic Bright), Color (MagicColor, Tone, Control, Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)
Features	Plug & Play	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI
	Stand	Tilt	Tilt	Tilt	Tilt
	Wall Mount (VESA)	75mm	100 mm	100mm	100mm
	Cabinet Color	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black
Magic Technologies	MagicColor (Full/ Intelligent)	■	■	■	■
	MagicBright 3 (Custom, Text, Internet, Game, Sport, Movie, Dynamic Contrast)	■	■	■	■
	MagicTune (On-screen Asset Management)	■	■	■	■
Operating Conditions	Temperature	10° ~ 40°	10° ~ 40°	10° ~ 40°	10° ~ 40°
	Humidity	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing
Dimensions and Weight	W x H x D With Stand	17.8" x 14.9" x 7.9"	20.4" x 15.4" x 8.2"	20.3" x 16.6" x 8.2"	22.4" x 17.9" x 8.6"
	W x H x D Without Stand	17.8" x 13.1" x 2.9"	20.4" x 13.6" x 2.8"	20.3" x 14.7" x 2.8"	22.4" x 15.9" x 2.8"
	Shipping Carton	20.4" x 15.9" x 5.2"	23.5" x 16.3" x 5.2"	23.5" x 17.3" x 5.2"	25.9" x 19.6" x 5.4"
Package Contents	Weight (w/Stand, Shipping)	8.8 lbs., 11.9 lbs.	9.7 lbs., 12.9 lbs.	11.7 lbs., 13.7 lbs.	11.7 lbs., 15.0 lbs.
	Package Contents	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD
Warranty		3 years parts and labor	3 years parts and labor	3 years parts and labor	3 years parts and labor
Green Management	Emission Standard	EMC	EMC	EMC	EMC
	RoHS Compliant	■	■	■	■
	Energy Star Compliant	■	■	■	■
	Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly
Packaging Recyclability	Packing materials recyclable	Packing materials recyclable	Packing materials recyclable	Packing materials recyclable	

Product Information: 1-866-542-7214 [www.samsungmonitors.com](http://www.samsungmonitors.com)

Product Support: 1-800-SAMSUNG



©2008 Samsung Electronics America, Inc. Samsung is a registered mark of Samsung Electronics Corp., Ltd. Specifications and design are subject to change without notice. See [www.samsung.com](http://www.samsung.com) for detailed information. Printed in USA. MON-33SeriesDSHT-Sep08T