

B1740R · B1940R · B1940W · B2240W

SAMSUNG

17", 19" and 22" High Performance LCD Monitors



Features:

- High performance monitors designed for use in small and medium-sized businesses to enterprise businesses
- Designed for maximum comfort, with height adjustable stand (HAS) – 100mm - 130mm, varies by model
- 5ms response time coupled with an up to 70,000:1 dynamic contrast ratio deliver highly detailed images while minimizing ghosting in fast motion video
- Eco-friendly: The B1740R and the B1940R models are rated EPEAT and Energy Star qualified and all of the 40 Series models are TCO compliant
- MagicEco: MagicEco further reduces energy usage by giving you the option (50%, 75%, 100%) to set your power consumption
- The 40 Series monitors come in both 5:4 and 16:9 ratios – 5:4 ratio (B1740R, B1940R) meets standard business requirements; 16:9 ratio (B1940W, B2240W) brings you the latest widescreen standard and offers a longer viewable area than 16:10



Whether you're a small start-up or a medium-sized business or enterprise, you'll want high performance monitors that suit your vision and your budget. Presenting the Samsung 40 Series: stylishly black with ultra narrow bezels and a height adjustable stand (100mm - 130mm) for improved viewing comfort. A high dynamic contrast ratio (up to 70,000:1) and fast response time (5ms) ensure vividly clear images and motion graphics. Exclusive Magic technologies enhance productivity and efficiency: MagicEco gives you the option to reduce power consumption; MagicAngle offers a customized setting that lets you view the screen as if seen face-on and is built for viewing comfort with wide angles; and MagicBright3 provides optional display settings for various contents that fit into the users' working environments. The Samsung 40 Series LCD displays.

B1740R
B1940R
B1940W
B2240W



17", 19" and 22" High Performance LCD Monitors

Features

Ergonomic Design

Stylishly black with an ultra narrow bezel, these displays more than rise to the occasion with a 100mm - 130mm Height Adjustable Stand (HAS) for more comfortable viewing.

Superior Picture Quality

Experience rich, vivid, and sharply detailed images and motion graphics brought forth by an up to 70,000:1 dynamic contrast ratio and 5ms response time.

Eco-friendly

The B1740R and the B1940R models are rated EPEAT and Energy Star qualified and all of the 40 Series models are TCO compliant.

MagicEco

MagicEco further reduces energy usage by giving you the option (50%, 75%, 100%) to set your power consumption.

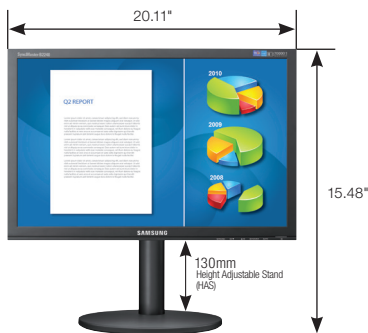
MagicAngle

No matter how you look at it, it's perfect. The monitor displays crisp images and bold color whether you're looking up at the screen or viewing it from the side.

MagicReturn

A convenient timesaving feature for dual-monitor users: When one monitor is turned off, all its onscreen content is instantly shifted to the other monitor.

B2240W Dimensions



Specifications		B1740R	B1940R	B1940W	B2240W
Display	Screen Size	17"	19"	19" Wide	22" Wide
	Brightness (Typical)	250 cd	250 cd	300 cd	300 cd
	Contrast Ratio (Typical/Dynamic)	DC 50,000:1 (Typ. 1,000:1)	DC 50,000:1 (Typ. 1,000:1)	DC 70,000:1 (Typ. 1,000:1)	DC 70,000:1 (Typ. 1,000:1)
	Resolution	1280 x 1024	1280 x 1024	1440 x 900	1680 x 1050
	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)
Signal Input	Color Support	16.7M	16.7M	16.7M	16.7M
	Video Signal	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI
	Sync. Signal	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
Power	Connector	15-pin D-Sub, DVI-D	15-pin D-Sub, DVI-D	15-pin D-Sub, DVI-D	15-pin D-Sub, DVI-D
	Power Consumption	20 Watts	22 Watts	35 Watts	45 Watts
	Standby Power (DPMS)	<0.3W	<0.3W	<0.3W	<0.3W
Features	Type	Built-in	Built-in	Built-in	Built-in
	Plug & Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B
	USB Powered Hub Option	No	No	No	No
	Mac Compatibility	■	■	■	■
	Multi-Speaker	No	No	No	No
	Wall-Mount	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm
Optional Accessory	Cabinet Color	Black	Black	Black	Black
	Optional Accessory	n/a	DVI Cable	DVI Cable	DVI Cable
Dimensions	Special Features	MagicBright3, MagicEco, MagicAngle, MagicReturn, Off timer, Image Size Color Effect, Customized key, Windows Vista Basic, DVI with HDCP	MagicBright3, MagicEco, MagicAngle, MagicReturn, Off timer, Image Size Color Effect, Customized key, Windows Vista Basic, DVI with HDCP	MagicBright3, MagicEco, MagicAngle, MagicReturn, Off timer, Image Size Color Effect, Customized key, Windows Vista Basic, DVI with HDCP	MagicBright3, MagicEco, MagicAngle, MagicReturn, Off timer, Image Size Color Effect, Customized key, Windows Vista Basic, DVI with HDCP
	Product Dimensions (With Stand, W x H x D)	14.7" x 13.01" x 7.48"	16.43" x 15.34" x 8.66"	17.44" x 13.27" x 7.48"	20.11" x 15.48" x 8.66"
	Product Dimensions (Without Stand, W x H x D)	14.7" x 12.38" x 2.68"	16.43" x 13.58" x 2.78"	17.44" x 11.62" x 2.72"	20.11" x 13.30" x 2.68"
Weight	Shipment Dimensions (W x H x D)	18.03" x 15.24" x 7.4"	20.79" x 16.69" x 7.6"	17.44" x 11.61" x 5.12"	23.11" x 16.38" x 7.6"
	Product Weight	9.48lbs.	10.58lbs.	7.94lbs.	11.46lbs.
Stand	Shipment Weight	12.13lbs.	13.67lbs.	10.36lbs.	15.76lbs.
	Type	100mm Height Adjustable Stand (HAS)	130mm Height Adjustable Stand (HAS)	100mm Height Adjustable Stand (HAS)	130mm Height Adjustable Stand (HAS)
Green Management	Function	Tilt, Swivel, Pivot	Tilt, Swivel, Pivot	Tilt, Swivel, Pivot	Tilt, Swivel, Pivot
	EPEAT	Silver	Gold	No	No
	Energy Star Compliant	■	■	No	No
	TCO	5.0	5.0	03 & 5.0	03 & 5.0
	RoHS Compliant	■	■	■	■
	Microsoft Certificate	■	■	■	■
	Emission Standard	EMC	EMC	EMC	EMC
Packaging Recyclability	Packaging Recyclability	■	■	■	■



Product Information: 1-866-542-7214 samsung.com/monitor
Product Support: 1-800-SAMSUNG



©2010 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 for detailed information. Printed in USA. MON-40SeriesDSHT-Jul10T