Dell™ IN1930/IN2030M Monitor User's Guide

Notes, Cautions, Warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

Model IN1930f/IN2030Mf/IN1930c/IN2030Mc

February 2011 Rev. A00

About Your Monitor

Dell™ IN1930/IN2030M Monitor User's Guide

- Package Contents
- Product Features
- Identifying Parts and Controls
- Monitor Specifications
- Plug and Play Capability
- LCD Monitor Quality & Pixel Policy
- Maintenance Guidelines

Package Contents

Your monitor ships with all the components shown below. Ensure that you have received all the components and Contact Dell™ if anything is missing.

NOTE: Some items may be optional and may not ship with your monitor. Some features or media may not be available in certain countries.
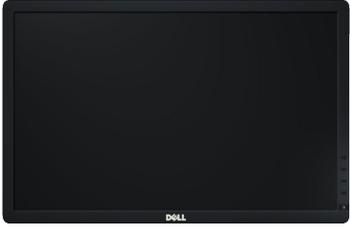
	l Monitor
	l Stand Riser
	l Stand Base
	l Power Cable
	l VGA Cable (attached to the monitor)

	l *Drivers and Documentation* media l *Quick Setup Guide* l Product Information Guide

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Product Features

The **Dell™ IN1930/IN2030M** flat panel display has an active matrix, Thin-Film Transistor, Liquid Crystal Display. The monitor's features include:

- **IN1930:** 47.0 cm (18.5 inches) viewable area display. 1366 x 768 resolution, plus full-screen support for lower resolutions.

- **IN2030M:** 50.8 cm (20.0 inches) viewable area display. 1600 x 900 resolution, plus full-screen support for lower resolutions.

- Tilt adjustment capability.

- Removable pedestal and Video Electronics Standards Association (VESA) 100 mm mounting holes for flexible mounting solutions.

- Plug and play capability if supported by your system.

- On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.

- Software and documentation media which includes an information file (INF), Image Color Matching File (ICM), and product documentation.

- ENERGY STAR compliant.

- Security lock slot.

- EPEAT™ Silver compliant.

- RoHS compliant.

Identifying Parts and Controls

Front View

1.	Function buttons (For more information, see Operating the Monitor)
2.	Power On/Off button (with LED indicator)

Back View
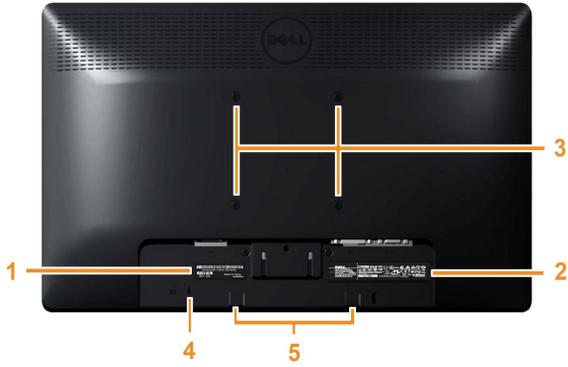
Label	Description	Use
1	Barcode serial number label	Refer to this label if you need to contact Dell for technical support.
2	Regulatory rating label	Lists the regulatory approvals.
3	VESA mounting holes (100 mm)	To mount the monitor.
4	Security lock slot	Use a security lock with the slot to help secure your monitor.
5	Dell soundbar mounting brackets	To attach the optional Dell Soundbar.

Side View

Right Side

Bottom View

IN1930:

1   **2**

IN2030M:

1

Label	Description	Use
1	AC power connector	To connect the monitor power cable.
2	VGA connector	To connect your computer to the monitor using a VGA cable.

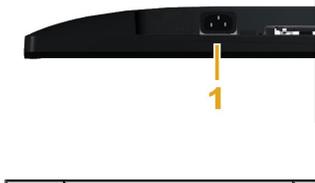| Label	Description	Us
1	AC power connector	To
2	DVI connector	To
3	VGA connector	To

Monitor Specifications

The following sections give you information about the various power management modes and pin assignments for the various connectors of your monitor.

Power Management Modes

If you have VESA's DPM compliance display card or software installed in your PC, the monitor automatically reduces its power consumption when not in use. This from keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling o
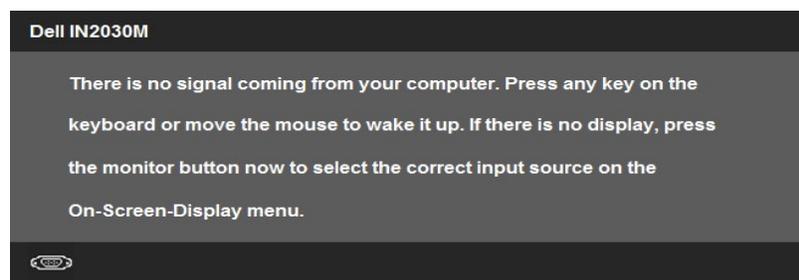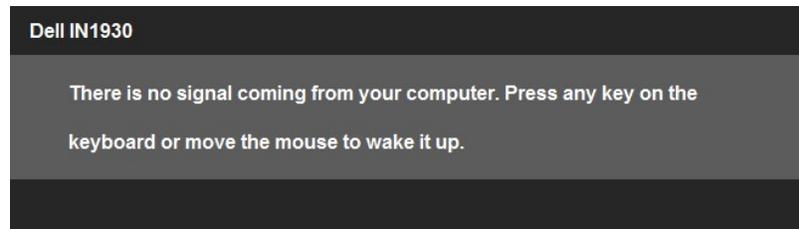
IN1930:

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	22 W (Maximum) 18 W (Typical)
Active-off mode	Inactive	Inactive	Blank	Amber	Less than 1 W
Switch off	-	-	-	Off	Less than 0.5 W

IN2030M:

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	25 W (Maximum) 20 W (Typical)
Active-off mode	Inactive	Inactive	Blank	Amber	Less than 1 W
Switch off	-	-	-	Off	Less than 0.5 W

The OSD will only function in the *normal operation* mode. When any button except power button is pressed in Active-off mode, the following messages will be disp

Dell IN1930

There is no signal coming from your computer. Press any key on the

keyboard or move the mouse to wake it up.

Dell IN2030M

There is no signal coming from your computer. Press any key on the

keyboard or move the mouse to wake it up. If there is no display, press

the monitor button now to select the correct input source on the

On-Screen-Display menu.

Activate the computer and monitor to gain access to the OSD.

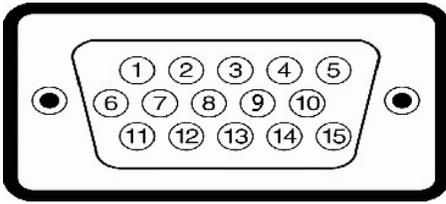**NOTE:** Dell IN1930/IN2030M monitor is **ENERGY STAR**®-compliance.

* Zero power consumption in OFF mode can only be achieved by disconnecting the main cable from the monitor.

** Maximum power consumption with max luminance and contrast.

Pin Assignments

15-pin D-Sub connector

Pin Number	Monitor Side of the 15-pin Side Signal Cable
1	Video-Red
2	Video-Green
3	Video-Blue
4	GND
5	Self-test
6	GND-R
7	GND-G
8	GND-B
9	DDC +5 V
10	GND-sync
11	GND
12	DDC data
13	H-sync
14	V-sync
15	DDC clock

DVI Connector
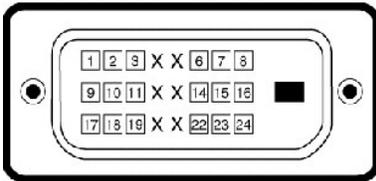
Pin Number	24-pin Side of the Connected Signal Cable
1	TMDS RX2-
2	TMDS RX2+
3	TMDS Ground
4	Floating
5	Floating
6	DDC Clock
7	DDC Data
8	Floating
9	TMDS RX1-
10	TMDS RX1+
11	TMDS Ground
12	Floating
13	Floating
14	+5 V power
15	Self test
16	Hot Plug Detect
17	TMDS RX0-
18	TMDS RX0+
19	TMDS Ground
20	Floating
21	Floating

22	TMDS Ground
23	TMDS Clock+
24	TMDS Clock-

Plug and Play Capability

You can install the monitor in any Plug and Play compatible system. The monitor automatically provides the computer with its Extended Display Identification Data system can configure itself and optimize the monitor settings. Most monitor installations are automatic. You can select different settings if required.

Flat Panel Specifications

Model number	Dell IN1930 monitor	Dell IN2030M monitor
Screen type	Active matrix - TFT LCD	Active matrix - TFT LCD
Panel Type	TN	TN
Screen dimensions	47.0 cm (18.5 inches) (18.5-inch wide viewable image size)	50.8 cm (20 inches) (20-inch wide viewable image size)
Preset display area:		
l Horizontal	409.8 mm (16.14 inches)	442.8 mm (17.43 inches)
l Vertical	230.4 mm (9.07 inches)	249.1 mm (9.81 inches)
Pixel pitch	0.300 mm	0.277 mm
Viewing angle:		
l Horizontal	170 ° typical	170 ° typical
l Vertical	160 ° typical	160 ° typical
Luminance output	250 cd/m² (typical)	250 cd/m² (typical)
Contrast ratio	1000 to 1 (typical)	1000 to 1 (typical)
Dynamic Contrast Ratio	8,000,000 to 1 (typical) *	8,000,000 to 1 (typical) *
Faceplate coating	Antiglare with hard-coating 3H	Antiglare with hard-coating 3H
Backlight	LED light bar system	LED light bar system
Response Time	5 ms typical (black to white)	5 ms typical (black to white)
Color Depth	16.7 mil colors	16.7 mil colors
Color Gamut	82 % (typical) **	82 % (typical) **

* Based on estimation.

** [IN1930/IN2030M] color gamut (typical) is based on CIE1976 (82 %) and CIE1931 (72 %) test standards.

Resolution Specifications

Model number	Dell IN1930 monitor	Dell IN2030M monitor
Scan range		
l Horizontal	30 kHz to 83 kHz (automatic)	30 kHz to 83 kHz (automatic)
l Vertical	56 Hz to 75 Hz (automatic)	56 Hz to 75 Hz (automatic)
Maximum preset resolution	1366 x 768 at 60 Hz	1600 x 900 at 60 Hz

Electrical Specifications

Model number	Dell IN1930/IN2030M monitor
Video input signals	Analog RGB: 0.7 Volts +/- 5 %, 75 ohm input impedance
Synchronization input signals	Separate horizontal and vertical synchronizations, polarity-free TTL level, SOG (Composite SYNC on green)
AC input voltage / frequency / current	100 VAC to 240 VAC/50 Hz or 60 Hz $\pm$ 3 Hz/1.5 A (Max.)

Inrush current	120 V: 30 A (Max.) 240 V: 60 A (Max.)

Preset Display Modes

The following table lists the preset modes for which Dell guarantees image size and centering:

IN1930:

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/Vertical)
VESA, 720 x 400	31.5	70.0	28.3	-/+
VESA, 640 x 480	31.5	60.0	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.0	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1366 x 768	47.7	60.0	85.5	+/+

IN2030M:

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/Vertical)
VESA, 720 x 400	31.5	70.1	28.3	-/+
VESA, 640 x 480	31.5	59.9	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.3	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1600 x 900	55.5	60.0	97.8	+/-

Physical Characteristics

The following table lists the monitor's physical characteristics:

Model Number	Dell IN1930 monitor	Dell IN2030M monitor
Connector type	D-subminiature, blue connector	D-subminiature, blue connector; DVI-D: White connector
Signal cable type	Analog: Detachable, D-Sub, 15 pins, shipped attached to the monitor	D-sub: Detachable, Analog, 15 pin, shipped attached to the monitor DVI-D: Detachable, DVI-D, Solid pins (optional)
Dimensions: (with stand)		
⌐ Height	349.10 mm (13.74 inches)	367.78 mm (14.48 inches)
⌐ Width	445.41 mm (17.54 inches)	478.60 mm (18.84 inches)
⌐ Depth	163.78 mm (6.45 inches)	163.78 mm (6.45 inches)
Dimensions: (without stand)		
⌐ **Height**	266.05 mm (10.47 inches)	284.89 mm (11.22 inches)
⌐ Width	445.41 mm (17.54 inches)	478.60 mm (18.84 inches)
⌐ Depth	52.30 mm (2.06 inches)	52.30 mm (2.06 inches)
Stand dimensions:		

ı Height	141.50 mm (5.57 inches)	141.50 mm (5.57 inches)	
ı Width	236.33 mm (9.30 inches)	236.33 mm (9.30 inches)	
ı Depth	163.78 mm (6.45 inches)	163.78 mm (6.45 inches)	
Weight:			
Weight with packaging	3.94 kg (8.69 lb)	4.25 kg (9.37 lb)	
Weight with stand assembly and cables	3.26 kg (7.19 lb)	3.53 kg (7.78 lb)	
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	2.64 kg (5.82 lb)	2.91 kg (6.42 lb)	
Weight of stand assembly	0.33 kg (0.73 lb)	0.33 kg (0.73 lb)	

Environmental Characteristics

The following table lists the environmental conditions for your monitor:

Model Number	Dell IN1930 monitor	Dell IN2030M monitor
Temperature		
ı Operating	0 ° C to 40 ° C (32 ° F to 104 ° F)	0 ° C to 40 ° C (32 ° F to 104 ° F)
ı Non-operating	Storage: -20 ° C to 60 ° C (-4 ° F to 140 ° F) Shipping: -20 ° C to 60 ° C (-4 ° F to 140 ° F)	Storage: -20 ° C to 60 ° C (-4 ° F to 140 ° F) Shipping: -20 ° C to 60 ° C (-4 ° F to 140 ° F)
Humidity		
ı Operating	10 % to 80 % (non-condensing)	10 % to 80 % (non-condensing)
ı Non-operating	Storage: 5 % to 90 % (non-condensing) Shipping: 5 % to 90 % (non-condensing)	Storage: 5 % to 90 % (non-condensing) Shipping: 5 % to 90 % (non-condensing)
Altitude		
ı Operating	4,485 m (14,700 ft) max	4,485 m (14,700 ft) max
ı Non-operating	12,191 m (40,000 ft) max	12,191 m (40,000 ft) max
Thermal dissipation	75.09 BTU/hour (maximum) 61.43 BTU/hour (typical)	85.33 BTU/hour (maximum) 68.26 BTU/hour (typical)

LCD Monitor Quality & Pixel Policy

During the LCD Monitor manufacturing process, it is not uncommon for one or more pixels to become fixed in an unchanging state. The visible result is a fixed pixel spot.When the pixel remains permanently lit, it is known as a "bright dot." When the pixel remains black, it is known as a "dark dot."
In almost every case, these fixed pixels are hard to see and do not detract from display quality or usability. A display with 1 to 5 fixed pixels is considered normal Support site at: support.dell.com.

Maintenance Guidelines

Caring for Your Monitor

⚠ **CAUTION: Read and follow the safety instructions before cleaning the monitor.**

⚠ **CAUTION: Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.**

For best practices, follow the instructions in the list below while unpacking, cleaning, or handling your monitor:

ı To clean your antistatic screen, slightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution suitable for the a cleaners, or compressed air.
ı **Use a slightly dampened, warm cloth to clean the plastics. Avoid using detergent of any kind as some detergents leave a milky film on the plastics.**
ı If you notice a white powder when you unpack your monitor, wipe it off with a cloth. This white powder occurs during the shipping of the monitor.
ı **Handle your monitor with care as a darker**-colored monitor may scratch and show white scuff marks more than a lighter-**colored monitor.**
ı To help maintain the best image quality on your monitor, use a dynamically changing screen saver and power off your monitor when not in use.

Appendix

Dell™ IN1930/IN2030M Monitor User's Guide

- Safety Instructions
- FCC Notice (U.S. Only) and Other Regulatory Information
- Contacting Dell

⚠WARNING: Safety Instructions

⚠ **WARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards, and/or mechanical hazards.**

For information on safety instructions, see the *Product Information Guide*.

FCC Notices (U.S. Only) and Other Regulatory Information

For FCC notices and other regulatory information, see the regulatory compliance website located at www.dell.com\regulatory_compliance.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference

(2) this device must accept any interference received including interference that may cause undesired operation

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Contacting Dell

For customers in the United States, call 800-WWW-DELL (800-999-3355).

📝 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit **support.dell.com**.
2. Verify your country or region in the **Choose A Country/Region** drop-down menu at the bottom of the page.
3. Click **Contact Us** on the left side of the page.
4. Select the appropriate service or support link based on your need.
5. Choose the method of contacting Dell that is convenient for you.

Setting Up Your Monitor

Dell™ IN1930/IN2030M monitor

If you have a Dell™ desktop or a Dell™ portable computer with internet access

1. Go to **http://support.dell.com,** enter your service tag, and download the latest driver for your graphics card.

2. After installing the drivers for your graphics adapter, attempt to set the resolution to 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M) again.

NOTE: If you are unable to set the resolution to 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M), please contact Dell™ to inquire about a graphics adapter that supports these resolutions.

Setting Up Your Monitor

Dell™ IN1930/IN2030M monitor

If you have a non Dell™ desktop, portable computer, or graphics card

In Windows XP:

1. Right-click on the desktop and click **Properties**.

2. Select the **Settings** tab.

3. Select **Advanced**.

4. Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).

5. Please refer to the graphics card provider website for updated driver (for example, http://www.ATI.com OR http://www.NVIDIA.com).

6. After installing the drivers for your Graphics Adapter, attempt to set the resolution to **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M) again.

In Windows Vista® or Windows 7:

1. Right-click on the desktop and click **Personalization**.

2. Click **Change Display Settings**.

3. Click **Advanced Settings**.

4. Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).

5. Please refer to the graphics card provider website for updated driver (for example, http://www.ATI.com OR http://www.NVIDIA.com).

6. After installing the drivers for your Graphics Adapter, attempt to set the resolution to **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M) again.

NOTE: If you are unable to set the resolution to 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M), please contact the manufacturer of your computer or consider purchasing a graphics adapter that will support the video resolution of 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M).

Operating the Monitor

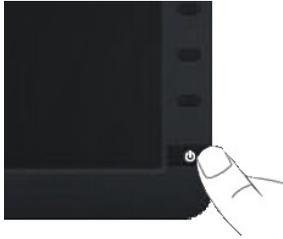**Dell™ IN1930/IN2030M Monitor User's Guide**

● Using the Front Panel Controls
● Using the On-Screen Display (OSD) Menu
● Setting the Maximum Resolution
● Using the Dell Soundbar (Optional)
● Using the Tilt

Power On the Monitor

Press the ⏻ button to turn on the monitor.

Using the Front Panel Controls

Use the keys on the front of the monitor to adjust the image settings.

	Front panel Key	Description
A	Preset modes	Use the Preset modes key to choose from a list of preset color modes. See Using the OSD Menu.
B	Brightness / Contrast	Use the Brightness / Contrast key to direct access to the "Brightness" and "Contrast" control menu.
C	Menu	Use the Menu key to open the on-screen display (OSD).
D	Exit	Use the Exit key to exit on-screen display (OSD) from menu and sub-menus.

Front panel Key

Use the keys on the front of the monitor to adjust the image settings.
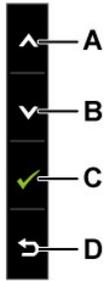
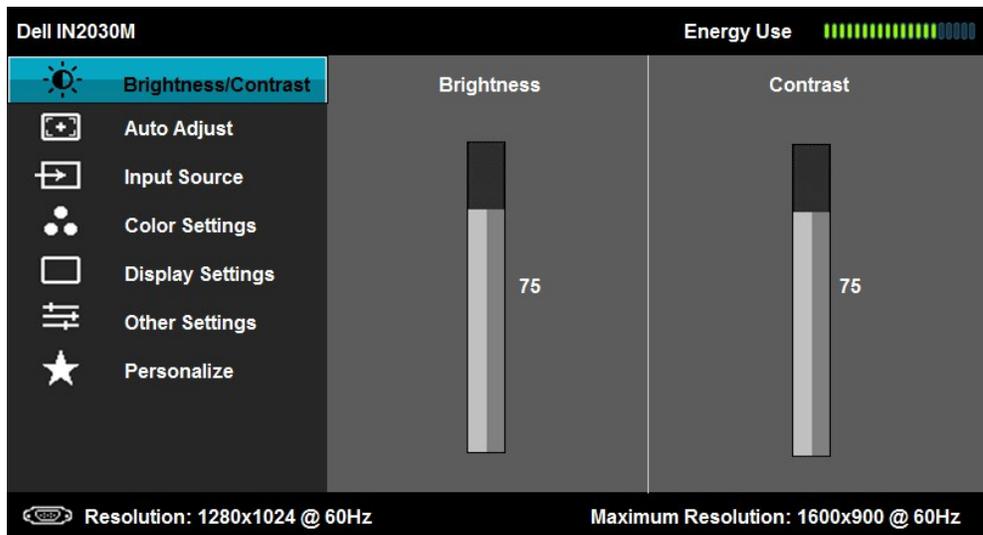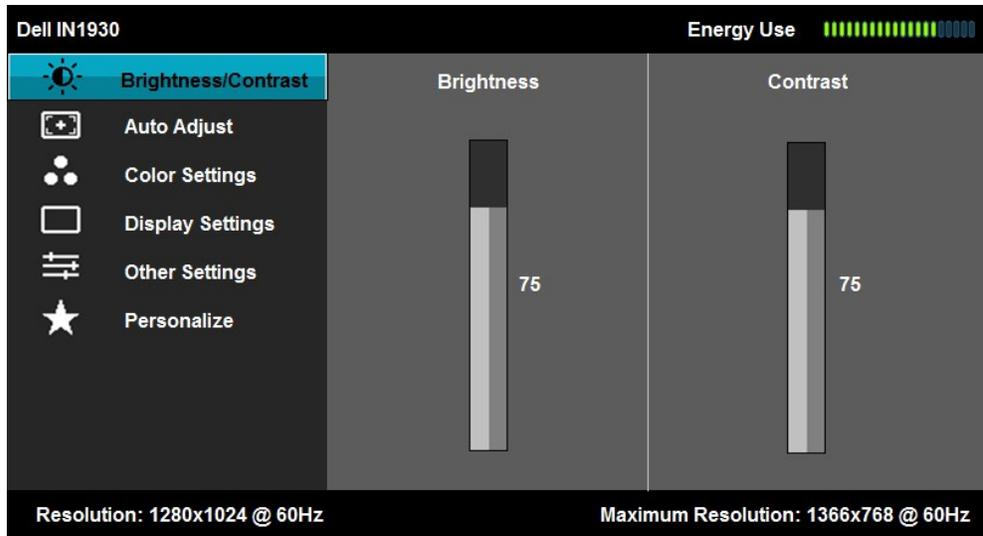| Front panel Key		Description
A	 **Up**	Use the Up key to adjust (increase ranges) items in the OSD menu.
B	 **Down**	Use the Down key to adjust (decrease ranges) items in the OSD menu.
C	 **OK**	Use the OK key to confirm your selection.
D	 **Back**	Use the Back key to go back to the previous menu.

Using the On-Screen Display (OSD) Menu

Accessing the Menu System

NOTE: If you change the settings and then either proceed to another menu or exit the OSD menu, the monitor automatically saves those changes. The changes are also saved if you change the settings and then wait for the OSD menu to disappear.

1.
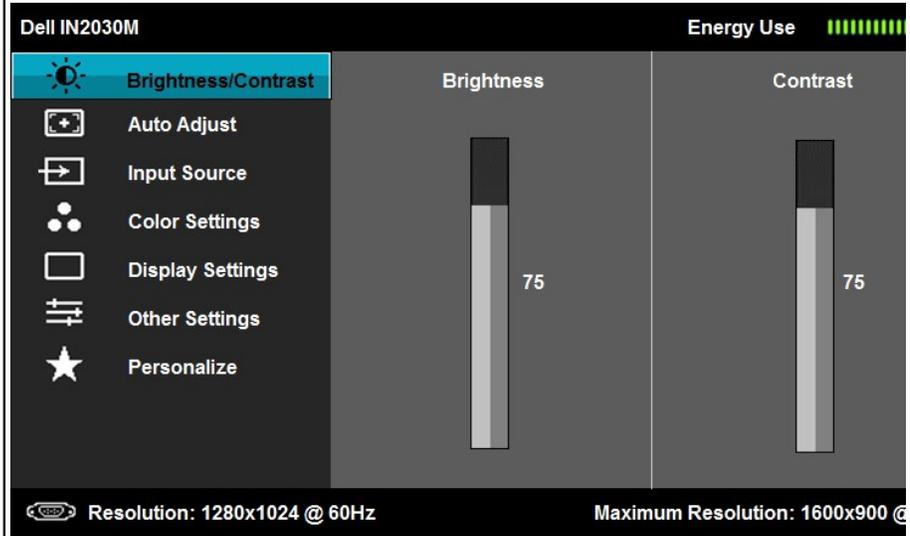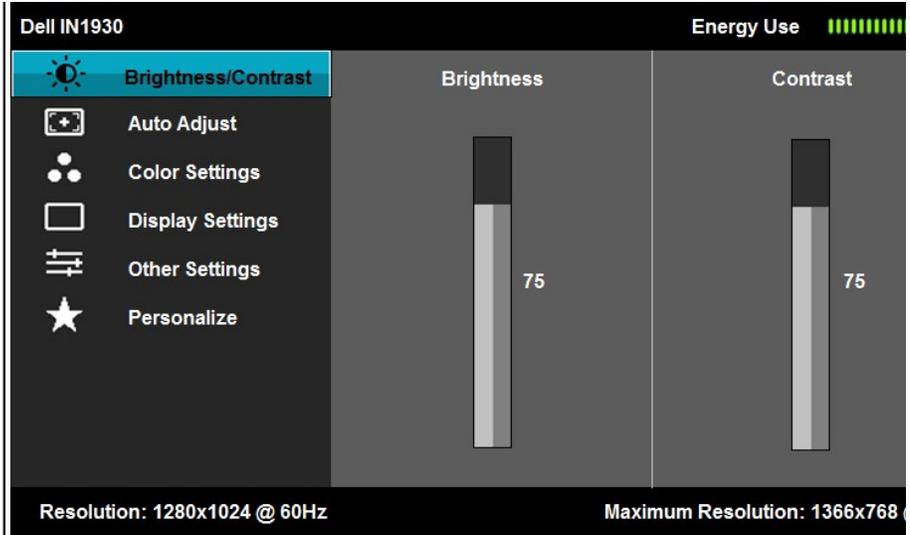   Press the button to open the OSD menu and display the main menu.

   Main Menu

Dell IN1930   Energy Use ||||||||||||||▯▯▯▯▯

☀ Brightness/Contrast	Brightness	Contrast
⊡ Auto Adjust		
⁚⁚ Color Settings		
▢ Display Settings	75	75
⇌ Other Settings		
★ Personalize		

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1366x768 @ 60Hz

∧
∨
→
✕

Dell IN2030M   Energy Use ||||||||||||||▯▯▯▯▯

☀ Brightness/Contrast	Brightness	Contrast
⊡ Auto Adjust		
⊞ Input Source		
⁚⁚ Color Settings	75	75
▢ Display Settings		
⇌ Other Settings		
★ Personalize		

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1600x900 @ 60Hz

∧
∨
→
✕

2. Press the ⊙ and ⊙ buttons to toggle between options in the Menu. As you move from one icon to another, the option name is highlighted.

3. To select the highlighted item on the menu press the ➔ button again.

4. Press the ⊙ and ⊙ buttons to select the desired parameter.

5. Press the ➔ button to enter the slide bar and then use the ⊙ or ⊙ buttons, according to the indicators on the menu, to make your changes.

6. Select the ↩ to return to previous menu without accepting current settings or ✔ to accept and return to previous menu.

The table below provides a list of all the OSD menu options and their functions.

Icon	Menu and Submenus	Description
	Energy Use	This meter shows the energy level being consumed by the monitor in real time.
☀	BRIGHTNESS/CONTRAST	Use the Brightness and Contrast menu to adjust the Brightness/Contrast.

Dell IN1930	Energy Use |||||||||||||

Brightness/Contrast

Auto Adjust

Color Settings

Display Settings

Other Settings

Personalize

Brightness

75

Contrast

75

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1366x768

Dell IN2030M	Energy Use |||||||||||||

Brightness/Contrast

Auto Adjust

Input Source

Color Settings

Display Settings

Other Settings

Personalize

Brightness

75

Contrast

75

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1600x900 @

Brightness	Allows you to adjust the brightness or luminance of the backlight. Press the ⌃ key to increase brightness and press the ⌄ key to decrease brightness (min 0 ~ max 100).
Contrast	Allows you to adjust the contrast or the degree of difference between darkness and lightness on the monitor screen. and adjust contrast only if you need further adjustment. Press the ⌃ key to increase contrast and press the ⌄ key to decrease contrast (min 0 ~ max 100).

	Auto Adjust	Use this key to activate automatic setup and adjust menu. The following dialog appears on a black screen as the mon... current input:

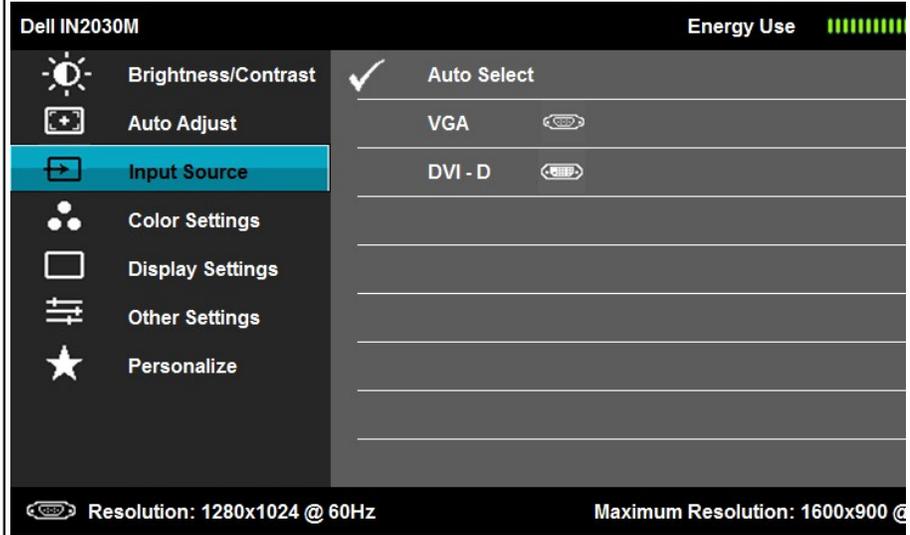**Dell IN1930**　　　　　　　　　　　　　　　　　　　　**Energy Use**　||||||||||

- ☀ **Brightness/Contrast**
- ⊡ **Auto Adjust**　　　　　Press ✓ to adjust the screen automatically.
- ⦂ **Color Settings**
- ▭ **Display Settings**
- ⇶ **Other Settings**
- ★ **Personalize**

Resolution: 1280x1024 @ 60Hz　　　　　　　**Maximum Resolution: 1366x768 (**

Dell IN2030M　　　　　　　　　　　　　　　　　　**Energy Use**　|||||||||||

- ☀ **Brightness/Contrast**
- ⊡ **Auto Adjust**　　　　　Press ✓ to adjust the screen automatically.
- ⊞ **Input Source**
- ⦂ **Color Settings**
- ▭ **Display Settings**
- ⇶ **Other Settings**
- ★ **Personalize**

Resolution: 1280x1024 @ 60Hz　　　　　　　**Maximum Resolution: 1600x900 @**

Auto Adjustment in Progress...

Auto Adjustment allows the monitor to self-adjust to the incoming video signal. After using Auto Adjustment, you can by using the Pixel Clock (Coarse) and Phase (Fine) controls under Image Settings.

NOTE: *Auto Adjust does not occur if you press the button while there are no active video input signals or attached cables.*

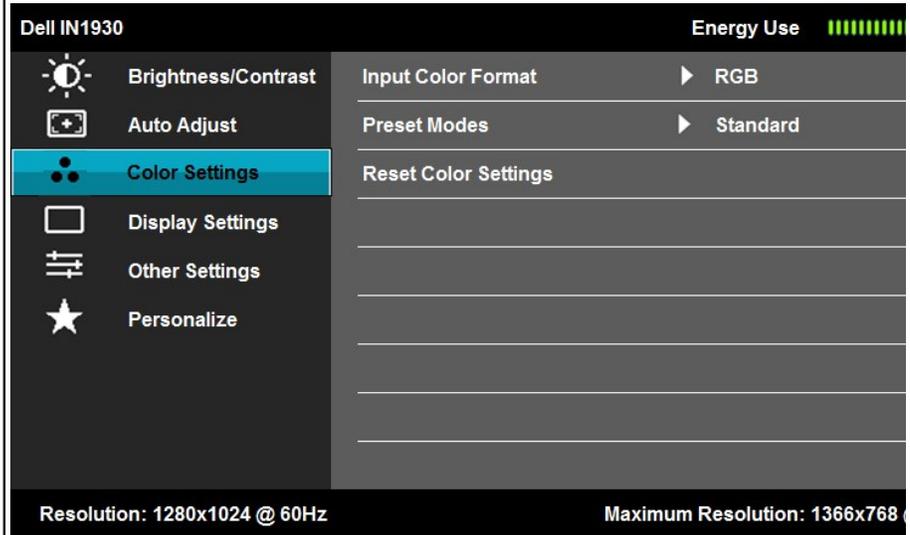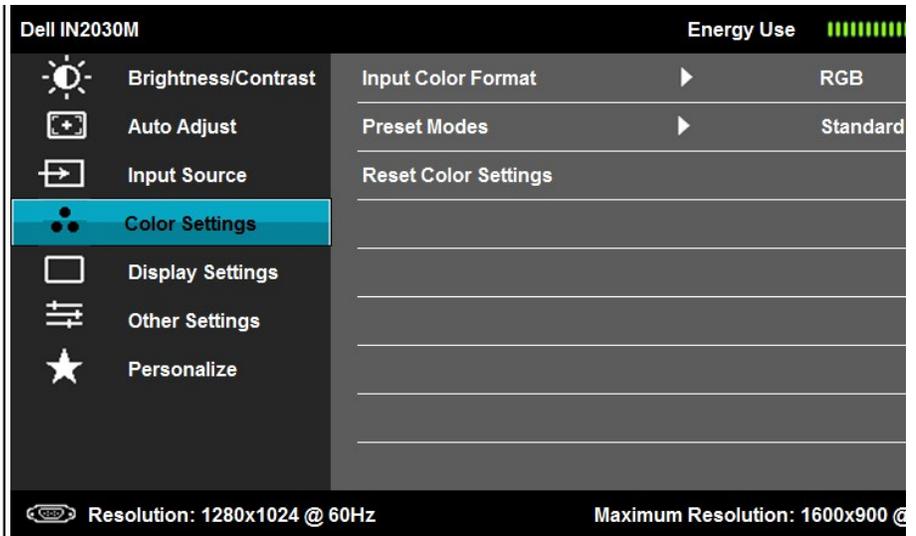|	Input Source (for IN2030M only)	Use the **Input Source** menu to select between different video signals that may be connected to your monitor.
	Auto Select	Select Auto Select to scan for available input signals.
	VGA	Select VGA input when you are using the analog (VGA) connector. Push ➡ to select the VGA input source.
	DVI-D	Select DVI-D input when you are using the Digital (DVI) connector. Push ➡ to select the DVI input source.
	COLOR SETTINGS	Use the **Color Setting** menu to adjust the monitor's color settings.

Dell IN2030M		Energy Use |||||||||
☀ Brightness/Contrast	**Input Color Format** ▶	**RGB**
⊡ Auto Adjust	**Preset Modes** ▶	**Standard**
⊞ Input Source	**Reset Color Settings**	
⠶ **Color Settings**		
▢ Display Settings		
⇌ Other Settings		
★ Personalize		
⟨▭⟩ Resolution: 1280x1024 @ 60Hz	Maximum Resolution: 1600x900 @	

Input Color Format	Allows you to set the video input mode to:
	⎫ **RGB**: Select this option if your monitor is connected to a computer or DVD player using the HDMI cable or the H
	⎫ **YPbPr**: Select this option if your DVD player supports only YPbPr output.
Preset Modes	Allows you to choose from a list of preset color modes.

Dell IN1930		Energy Use |||||||||
☀ Brightness/Contrast	**Input Color Format**	
⊡ Auto Adjust	**Preset Modes**	✔ **Standard**
⠶ Color Settings	**Reset Color Settings**	**Multimedia**
▢ Display Settings		**Movie**
⇌ Other Settings		**Game**
★ Personalize		**Text**
		Warm
		Cool
		Custom Color
Resolution: 1280x1024 @ 60Hz	Maximum Resolution: 1366x768	
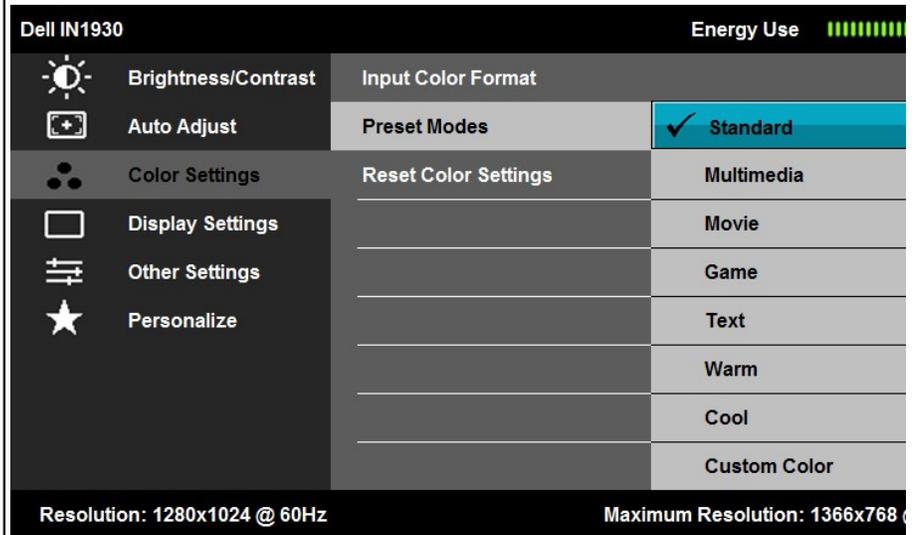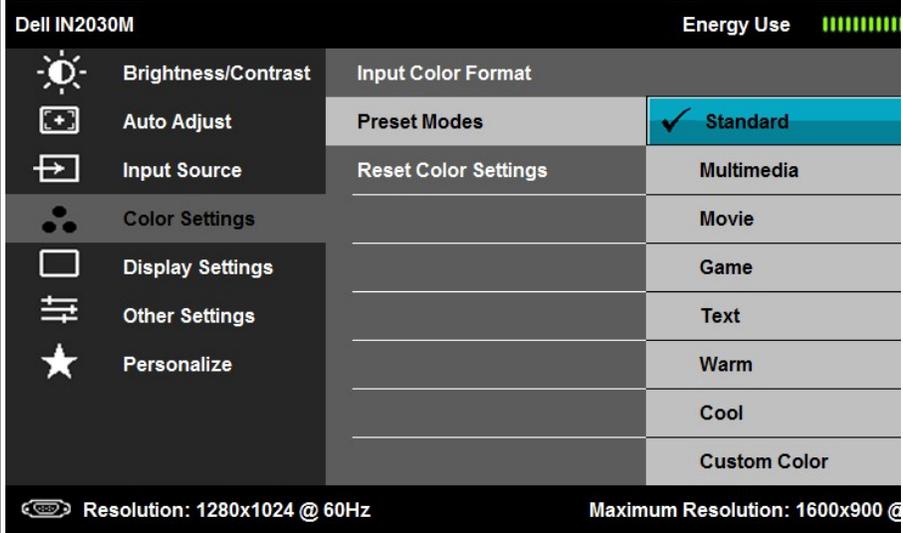
- l **Standard**: Loads the monitor's default color settings. This is the default preset mode.
- l **Multimedia**: Loads color settings ideal for multimedia applications.
- l **Movie**: Loads color settings ideal for movies.
- l **Game**: Loads color settings ideal for most gaming applications.
- l **Text**: Loads color settings ideal for office environment.
- l **Warm**: Increases the color temperature. The screen appears warmer with a red/yellow tint.
- l **Cool**: Decreases the color temperature. The screen appears cooler with a blue tint.
- l **Custom Color**: Allows you to manually adjust the color settings. Press the ⌃ and ⌄ keys to adjust the Red and create your own preset color mode.

In the **Movie** preset mode:

Dell IN2030M			Energy Use |||||||||
☀ Brightness/Contrast	Input Color Format	▶	RGB
⊡ Auto Adjust	**Preset Modes**	▶	Movie
⇥ Input Source	Hue	▶	50
⠿ Color Settings	Saturation	▶	50
▭ Display Settings	Demo Mode	▶	Disable
⇌ Other Settings	Reset Color Settings		
★ Personalize			
⊙ Resolution: 1280x1024 @ 60Hz		Maximum Resolution: 1600x900 @	
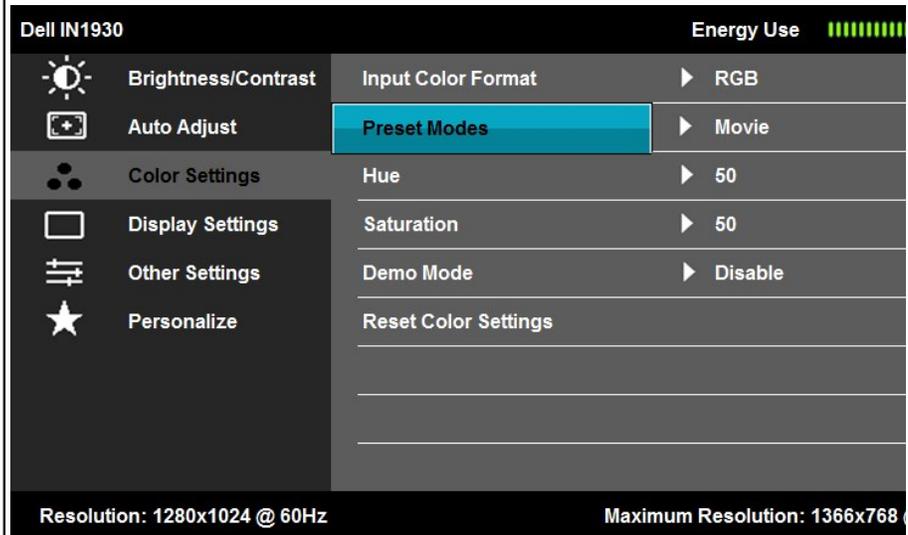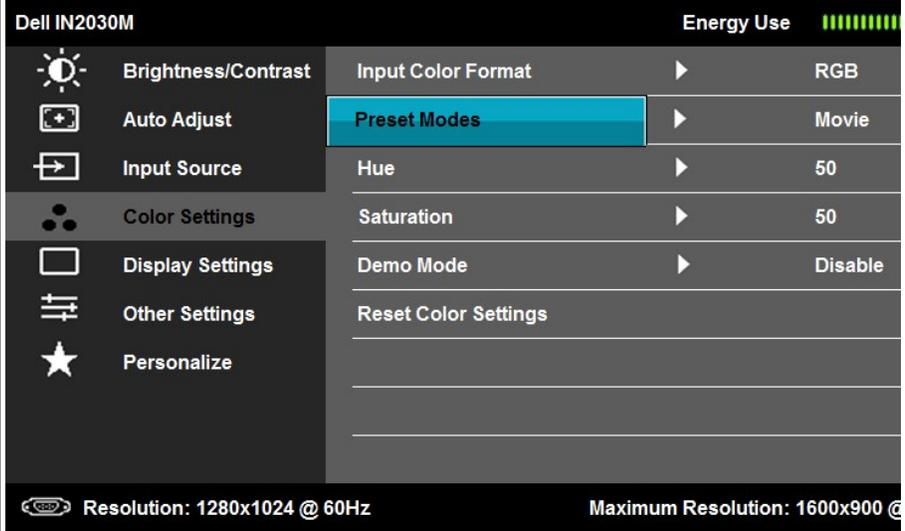
Hue	Allows you to adjust the skin tone of the image. Use 🔺 or 🔻 to adjust the hue from '0' to '100'.
Saturation	Allows you to adjust the color saturation of the image. Use 🔺 or 🔻 to adjust the saturation from '0' to '100'.
Demo Mode	You can launch the Demo Mode to identify the monitor display difference between Normal and Enhanced.
Reset Color Settings	Resets your monitor's color settings to the factory defaults.

DISPLAY SETTINGS

Use the **Displays Settings** menu to adjust the monitor's display settings.

Dell IN1930			Energy Use |||||||||
☀ Brightness/Contrast	Aspect Ratio	▶	Wide 16:9
⊡ Auto Adjust	Horizontal Position	▶	50
⠿ Color Settings	Vertical Position	▶	50
▭ **Display Settings**	Sharpness	▶	50
⇌ Other Settings	Pixel Clock	▶	50
★ Personalize	Phase	▶	98
	Dynamic Contrast		
	Reset Display Settings		
Resolution: 1280x1024 @ 60Hz		Maximum Resolution: 1366x768	

		Dell IN2030M Energy Use IIIIIIIII
		·◌̇· Brightness/Contrast Aspect Ratio ▶ Wide 16:9
		⊡ Auto Adjust Horizontal Position ▶ 50
		⊞ Input Source Vertical Position ▶ 50
		·:· Color Settings Sharpness ▶ 50
		▭ Display Settings Pixel Clock ▶ 50
		≛ Other Settings Phase ▶ 98
		★ Personalize Dynamic Contrast
		Reset Display Settings
		⊙⊃ Resolution: 1280x1024 @ 60Hz Maximum Resolution: 1600x900 @

	Aspect Ratio	Adjusts the image ratio as Wide 16:9, 4:3, or 5:4.
		NOTE: Wide 16:9 adjustment is not required at maximum preset resolution 1366 x 768 (for IN1930) or 1600 x 900 (fo
	Horizontal Position	Use the ⏶ or ⏷ buttons to adjust image left and right. Minimum is '0' (-). Maximum is '100' (+).
	Vertical Position	Use the ⏶ or ⏷ buttons to adjust image up and down. Minimum is '0' (-). Maximum is '100' (+).
	Sharpness	This feature can make the image look sharper or softer. Use ⏶ or ⏷ to adjust the sharpness from '0' to '100'.
	Pixel Clock	The Phase and Pixel Clock adjustments allow you to adjust your monitor to your preference. Use ⏶ or ⏷ buttons t quality.
	Phase	If satisfactory results are not obtained using the Phase adjustment, use the Pixel Clock (coarse) adjustment and ther
	Dynamic Contrast	Allows you to increase the level of contrast to provide sharper and more detailed image quality.
		NOTE: Dynamic Contrast is not available (greyed out) in Energy Smart modes.
	Reset Display Settings	Select this option to restore default display settings.
≛	**OTHER SETTINGS**	Select this option to adjust the settings of the OSD, such as, the languages of the OSD, the amount of time the menu so on.

Dell IN1930 | Energy Use ||||||||||

	Brightness/Contrast	Language	▶	English
	Auto Adjust	Menu Transparency	▶	20
	Color Settings	Menu Timer	▶	20s
	Display Settings	Menu Lock	▶	Unlock
	Other Settings	Energy Smart	▶	Off
	Personalize	DDC/CI	▶	Enable
		LCD Conditioning	▶	Disable
		Factory Reset		Reset All Settings

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1366x768

Dell IN2030M | Energy Use ||||||||||

	Brightness/Contrast	Language	▶	English
	Auto Adjust	Menu Transparency	▶	20
	Input Source	Menu Timer	▶	20s
	Color Settings	Menu Lock	▶	Unlock
	Display Settings	Energy Smart	▶	Off
	Other Settings	DDC/CI	▶	Enable
	Personalize	LCD Conditioning	▶	Disable
		Factory Reset		Reset All Settings

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1600x900 @

Language	Allows you to set the OSD display to one of six languages: English, Spanish, French, German, Simplified Chinese, or J
Menu Transparency	Allows you to adjust the OSD background from opaque to transparent.
Menu Timer	Allows you to set the time for which the OSD remains active after you press a key on the monitor. Use the ⬆ and ⬇ keys to adjust the slider in 1 second increments, from 5 to 60 seconds.
Menu Lock	Controls user access to adjustments. When **Lock** is selected, no user adjustments are allowed. All keys are locked e **NOTE:** When the OSD is locked, pressing the menu key takes you directly to the OSD settings menu, with 'OSD Lock press and hold ↩ key for 15 seconds to unlock and allow user access to all applicable settings.
Energy Smart	Dynamic dimming activated (The Dynamic dimming feature automatically reduces the screen-brightness level when th contains a high proportion of bright areas).
DDC/CI	DDC/CI (Display Data Channel/Command Interface) allows a software on your computer to adjust the monitor display brightness, color balance etc. **Enable** (Default): Optimizes the performance of your monitor and provides a better customer experience. **Disable**: Disables the DDC/CI option and the following message appears on the screen.

Dell IN1930

The function of adjusting display setting using PC application will be

disabled.

Do you wish to disable DDC/CI function?

No

Yes

Dell IN2030M

The function of adjusting display setting using PC application will be

disabled.

Do you wish to disable DDC/CI function?

No

Yes

LCD Conditioning

This feature will help reduce minor cases of image retention.

If an image appears to be stuck on the monitor, select **LCD Conditioning** to help eliminate any image retention. Using
feature may take some time. LCD Conditioning feature cannot remove severe cases of image retention or burn-in.
NOTE: Use LCD Conditioning only when you experience a problem with image retention.

The below warning message appears once user selects "Enable" LCD Conditioning.

Dell IN1930

This feature will help reduce minor cases of image retention. Depending on

the degree of image retention, the program may take some time to run.

Do you wish to continue?

No

Yes

		Dell IN2030M This feature will help reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. Do you wish to continue? No Yes
	Factory Reset	Resets all OSD settings to the factory preset values.
★	**Personalize**	Select this option allows you to set two shortcut keys.

Dell IN1930   Energy Use ‖‖‖‖‖‖‖‖‖

- Brightness/Contrast   Shortcut Key 1 ▶ Preset Modes
- Auto Adjust   Shortcut Key 2 ▶ Brightness / Contra
- Color Settings   Reset Personalization
- Display Settings
- Other Settings
- ★ Personalize

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1366x768

Dell IN2030M   Energy Use ‖‖‖‖‖‖‖‖‖

- Brightness/Contrast   Shortcut Key 1 ▶ Preset Modes
- Auto Adjust   Shortcut Key 2 ▶ Brightness / Contras
- Input Source   Reset Personalization
- Color Settings
- Display Settings
- Other Settings
- ★ Personalize

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1600x900 @

	Shortcut Key 1	User can select from "Preset Modes", "Brightness/Contrast", "Auto Adjust", "Input Source"(for IN2030M only), "Aspec shortcut key.

Dell IN1930

Energy Use |||||||||

☀ Brightness/Contrast	Shortcut Key 1	✓ Preset Modes
⊡ Auto Adjust	Shortcut Key 2	Brightness / Contrast
⦂ Color Settings	Reset Personalization	Auto Adjust
▭ Display Settings		Aspect Ratio
⇶ Other Settings		
★ Personalize		

Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1366x768

Dell IN2030M

Energy Use |||||||||

☀ Brightness/Contrast	Shortcut Key 1	✓ Preset Modes
⊡ Auto Adjust	Shortcut Key 2	Brightness / Contrast
→| Input Source	Reset Personalization	Auto Adjust
⦂ Color Settings		Input Source
▭ Display Settings		Aspect Ratio
⇶ Other Settings		
★ Personalize		

⊂⊃ Resolution: 1280x1024 @ 60Hz   Maximum Resolution: 1600x900 @

Shortcut Key 2   User can select from "Preset Modes", "Brightness/Contrast", "Auto Adjust", "Input Source"(for IN2030M only), "Aspec shortcut key.

| Reset Personalization | Allows you to restore shortcut key to the default setting. |

OSD Messages

When the monitor does not support a particular resolution mode you will see the following message:

IN1930:

Dell IN1930

The current input timing is not supported by the monitor display. Please

change your input timing to **1366x768@60Hz** or any other monitor

listed timing as per the monitor specifications.
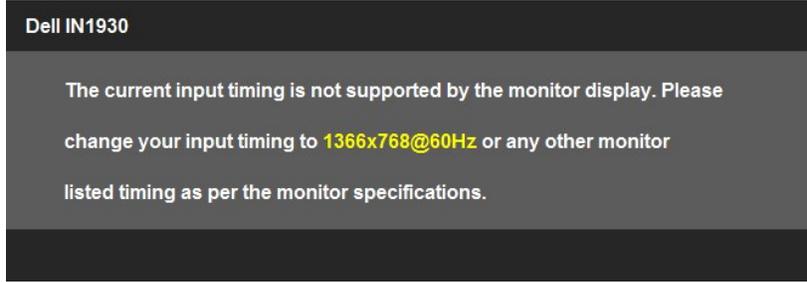
IN2030M:

Dell IN2030M

The current input timing is not supported by the monitor display. Please

change your input timing to **1600x900@60Hz** or any other monitor

listed timing as per the monitor specifications.

This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Monitor Specifications for the horizontal and vertical frequency ranges addressable by this monitor. Recommended mode is 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M).

You will see the following message before the DDC/CI function is disabled.

Dell IN1930

The function of adjusting display setting using PC application will be

disabled.

Do you wish to disable DDC/CI function?

| No |
| Yes |

Dell IN2030M

The function of adjusting display setting using PC application will be

disabled.

Do you wish to disable DDC/CI function?

| No |
| Yes |

When the monitor enters the Power Save mode, the following message appears:

Dell IN1930

Entering Power Save Mode.

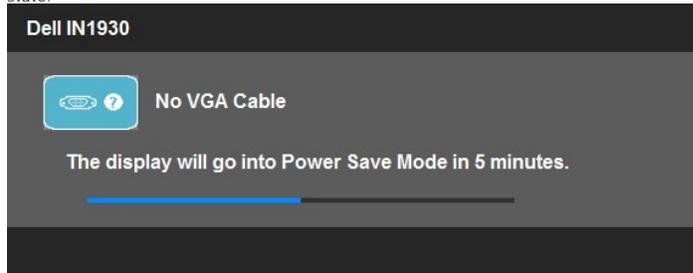**Dell IN2030M**

Entering Power Save Mode.
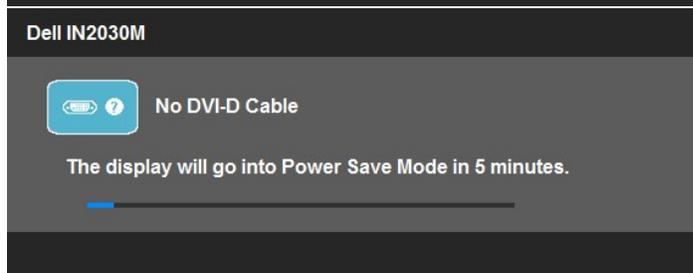
Activate the computer and wake up the monitor to gain access to the OSD.

If you press any button other than the power button the following messages will appear depending on the selected input:

Dell IN1930

There is no signal coming from your computer. Press any key on the

keyboard or move the mouse to wake it up.

Dell IN2030M

There is no signal coming from your computer. Press any key on the

keyboard or move the mouse to wake it up. If there is no display, press

the monitor button now to select the correct input source on the

On-Screen-Display menu.
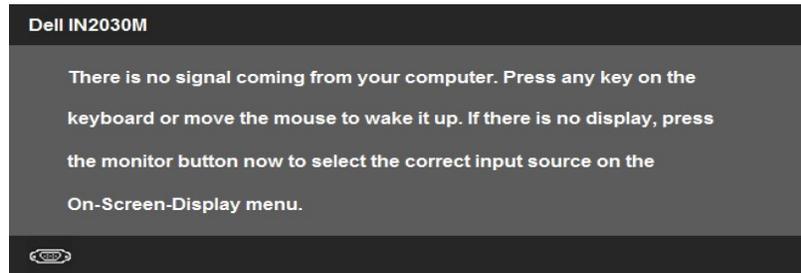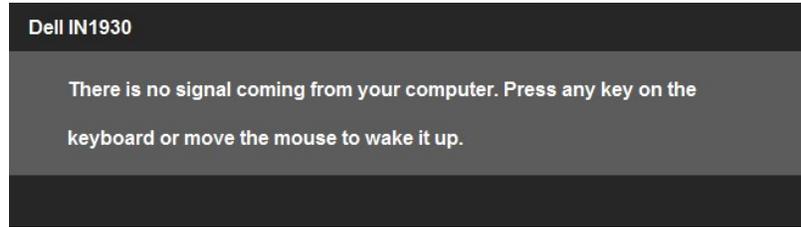
If VGA or DVI cable is not connected, a floating dialog box as shown below appears. The monitor will enter **Power Save Mode after 5 minutes** if left at this state.

Dell IN1930

No VGA Cable

The display will go into Power Save Mode in 5 minutes.

Dell IN2030M

No VGA Cable

The display will go into Power Save Mode in 5 minutes.

or

Dell IN2030M

No DVI-D Cable

The display will go into Power Save Mode in 5 minutes.
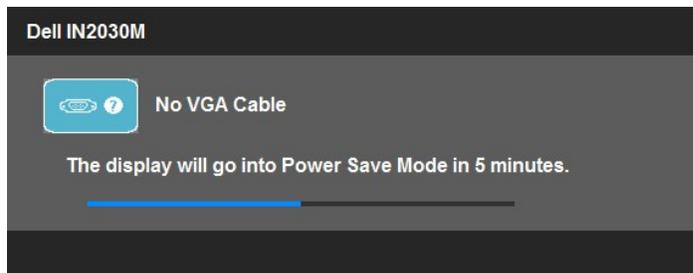
See Solving Problems for more information.

Setting the Maximum Resolution

To set the Maximum resolution for the monitor:

Windows XP:

1. Right-click on the desktop and select **Properties**.

2. Select the **Settings** tab.
3. Set the screen resolution to **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M).
4. Click **OK**.

Windows Vista® or Windows® 7:

1. Right-click on the desktop and select **Personalization**.
2. Click **Change Display Settings**.
3. Move the slider-bar to the right by pressing and holding left-mouse button and adjust the screen resolution to **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M).
4. Click **OK**.

If you do not see 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M) as an option, you may need to update your graphics driver. Depending on your computer, complete one of the following procedures.

If you have a Dell desktop or portable computer:

○ Go to **support.dell.com**, enter your service tag, and download the latest driver for your graphics card.

If you are using a non-Dell computer (portable or desktop):

○ Go to the support site for your computer and download the latest graphic drivers.
○ Go to your graphics card website and download the latest graphic drivers.

Using the Dell Soundbar

The Dell Soundbar is a stereo two channel system, mountable on Dell Flat Panel Displays. The Soundbar has a rotary volume and on/off control to adjust the overall system level, a LED for power indication, and two audio headset jacks.
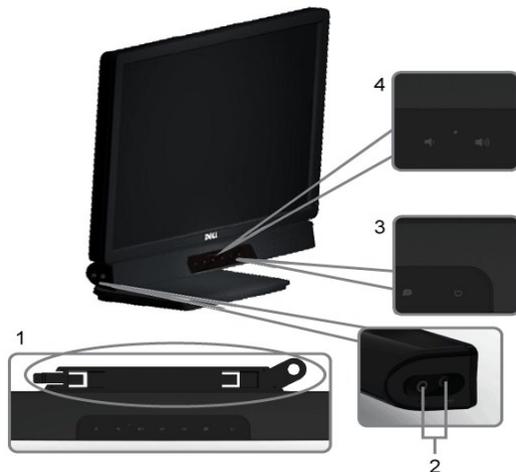
1.	Attach mechanism
2.	Headphone connectors
3.	Power indicator
4.	Power/Volume control

Using the Tilt

Tilt

With the stand assembly, you can tilt the monitor for the most comfortable viewing angle.

21°   **4°**

NOTE: The stand base is detached when the monitor is shipped from the factory.

Setting Up Your Monitor

Dell™ IN1930/IN2030M monitor

Setting the display resolution to 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M) (Maximum)

For optimal display performance while using the Microsoft Windows operating systems, set the display resolution to 1366 x 768 (for IN1930) or 1600 x 900 (for IN2030M) pixels by performing the following steps:

In Windows XP:

1. Right-click on the desktop and click **Properties**.

2. Select the **Settings** tab.

3. Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M).

4. Click **OK**.

In Windows Vista® or Windows® 7:

1. Right-click on the desktop and click **Personalization**.

2. Click **Change Display Settings**.

3. Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to **1366 x 768** (for IN1930) **or 1600 x 900** (for IN2030M).

4. Click **OK**.

If you do not see **1366 x 768** (for IN1930) or **1600 x 900** (for IN2030M) as an option, you may need to update your graphics driver. Please choose the scenario below that best describes the computer system you are using, and follow the provided

1: **If you have a Dell™ desktop or a Dell™ portable computer with internet access.**

2: **If you have a non Dell™ desktop, portable computer, or graphics card.**

Dell™ IN1930/IN2030M **monitor**

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Model IN1930f/IN2030Mf/IN1930c/IN2030Mc

February 2011 Rev. A00

Setting Up the Monitor
Dell™ IN1930/IN2030M Monitor User's Guide

Attaching the Stand

> **NOTE:** The stand base is detached when the monitor is shipped from the factory.

1. Assemble the stand riser to stand base.

   a. Place the monitor stand base on a stable table top.

   b. Slide the monitor stand body in the correct direction down onto the stand base until it clicks into place.

2. Attach the stand assembly to the monitor:

   a. Place the monitor on a soft cloth or cushion near the edge of desk.

   b. Align the stand assembly bracket to the monitor groove.

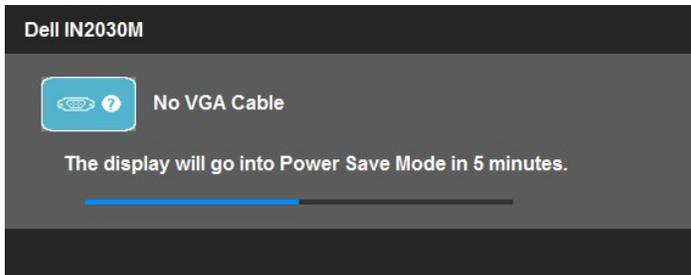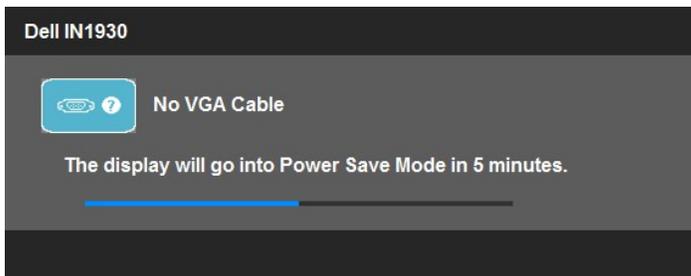   c. Insert the bracket towards monitor until it locks in place.

Connecting Your Monitor

WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.

To connect your monitor to the computer:

1. Turn off your computer and disconnect the power cable.

2. Connect either the white (digital DVI-D) or the blue (analog VGA) display connector cable to the corresponding video port on the back of your computer. Do not use both cables on the same computer. Use both the cables only when they are connected to two different computers with appropriate video systems.

Connecting the Blue VGA Cable

Connecting the white DVI cable (for IN2030M only)
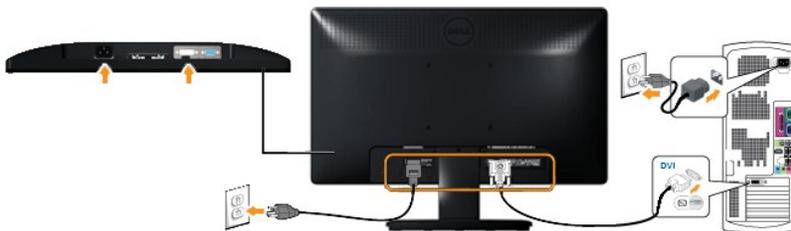
CAUTION: The graphics are used for the purpose of illustration only. Appearance on the computer may vary.

Removing the Monitor Stand
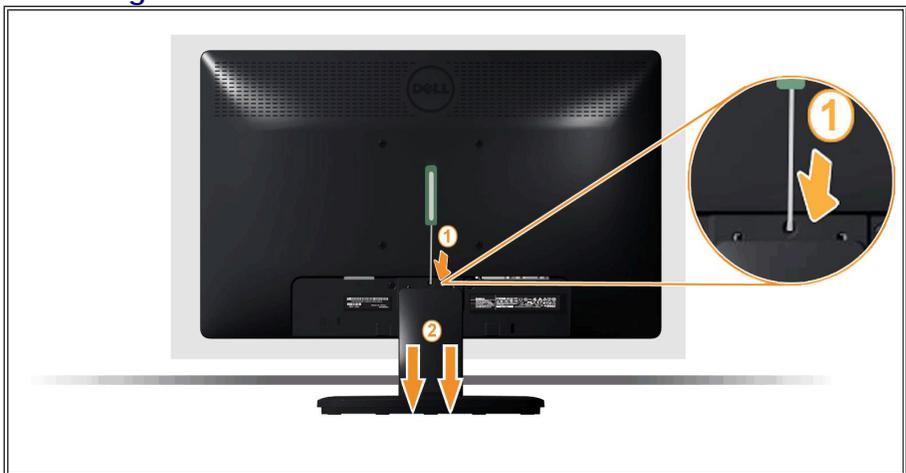
After placing the monitor panel on a soft cloth or cushion, complete the following steps to remove the base:

1. Use a long screwdriver to push the release latch located in a hole just above the stand.

2. Once the latch is released, remove the base away from the monitor.

Attaching the Dell Soundbar

⚠ **CAUTION:** Do not use with any device other than the Dell Soundbar.

To attach the soundbar:

1. Working from the back of the monitor, attach Soundbar by aligning the two slots with the two tabs along the bottom of the monitor.
2. Slide the Soundbar to the left until it snaps into place.
3. Connect the Soundbar with the DC power connector from the Soundbar Power Adapter.
4. Insert the mini stereo plug from the back of the Soundbar into the computer's audio output jack.

Back to Contents Page

Troubleshooting

Dell™ IN1930/IN2030M monitor

- Self-Test
- Built-in Diagnostics
- Common Problems
- Product Specific Problems
- Dell Soundbar Problems

⚠️**WARNING:** Before you begin any of the procedures in this section, follow the Safety Instructions.
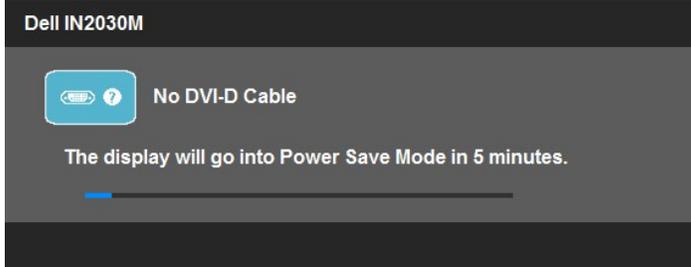
Self-Test

Your monitor provides a self-test feature that allows you to check whether your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

1. Turn off both your computer and the monitor.
2. Unplug the video cable from the back of the computer. To ensure proper Self-Test operation, remove both Digital (white connector) and the Analog (blue connector) cables from the back of computer.
3. Turn on the monitor.

   The floating dialog box should appear on-screen (against a black background) if the monitor cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains white. Also, depending upon the selected input, one of the dialogs shown below will continuously scroll through the screen.

Dell IN1930
🔌❓ No VGA Cable
The display will go into Power Save Mode in 5 minutes.

Dell IN2030M
🔌❓ No VGA Cable
The display will go into Power Save Mode in 5 minutes.

   or

Dell IN2030M
🔌❓ No DVI-D Cable
The display will go into Power Save Mode in 5 minutes.

4. This box also appears during normal system operation, if the video cable becomes disconnected or damaged. The monitor will enter **Power Save Mode after 5 minutes** if left at this state.
5. Turn off your monitor and reconnect the video cable; then turn on both your computer and the monitor.

If your monitor screen remains blank after you use the previous procedure, check your video controller and computer, because your monitor is functioning properly.

NOTE: Self-test feature check is not available for S-Video, Composite, and Component video modes.

Built-in Diagnostics

Your monitor has a built-in diagnostic tool that helps you determine if the screen abnormality you are experiencing is an inherent problem with your monitor, or with your computer and video card.

NOTE: You can run the built-in diagnostics only when the video cable is unplugged and the monitor is in *self-test mode*.

To run the built-in diagnostics:

1. Ensure that the screen is clean (no dust particles on the surface of the screen).
2. Unplug the video cable(s) from the back of the computer or monitor. The monitor then goes into the self-test mode.
3. Press and hold the **Button 1** and **Button 4** on the front panel simultaneously for 2 seconds. A gray screen appears.
4. Carefully inspect the screen for abnormalities.
5. Press the **Button 4** on the front panel again. The color of the screen changes to red.
6. Inspect the display for any abnormalities.
7. Repeat steps 5 and 6 to inspect the display in green, blue, black, white screens.

The test is complete when the white screen appears. To exit, press the B**utton 4 again.**

If you do not detect any screen abnormalities upon using the built-in diagnostic tool, the monitor is functioning properly. Check the video card and computer.

Common Problems

The following table contains general information about common monitor problems you might encounter and the possible solutions.

Common Symptoms	What You Experience	Possible Solutions
No Video/Power LED off	No picture	l Ensure that the video cable connecting the monitor and the computer is properly connected and secure. l Verify that the power outlet is functioning properly using any other electrical equipment. l Ensure that the power button is depressed fully.
No Video/Power LED on	No picture or no brightness	l Increase brightness & contrast controls via OSD. l Perform monitor self-test feature check. l Check for bent or broken pins in the video cable connector. l Ensure that the correct input source is selected via the Input Source Select menu. l Run the built-in diagnostics.
Poor Focus	Picture is fuzzy, blurry, or ghosting	l Perform Auto Adjust via OSD. l Adjust the Phase and Pixel Clock controls via OSD. l Eliminate video extension cables. l Reset the monitor to Factory Settings. l Change the video resolution to the correct aspect ratio (16:9).
Shaky/Jittery Video	Wavy picture or fine movement	l Perform Auto Adjust via OSD. l Adjust the Phase and Pixel Clock controls via OSD. l Reset the monitor to Factory Settings. l Check environmental factors. l Relocate the monitor and test in another room.
Missing Pixels	LCD screen has spots	l Cycle power on-off. l Pixel that is permanently off is a natural defect that can occur in LCD technology. For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at: **support.dell.com**.
Stuck-on Pixels	LCD screen has bright spots	l Cycle power on-off. l Pixel that is permanently off is a natural defect that can occur in LCD technology. For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at: **support.dell.com**.
Brightness Problems	Picture too dim or too bright	l Reset the monitor to Factory Settings. l Auto Adjust via OSD. l Adjust brightness & contrast controls via OSD.
Geometric Distortion	Screen not centered correctly	l Reset the monitor to Factory Settings.

		l Auto Adjust via OSD. l Adjust brightness & contrast controls via OSD. NOTE: When using 'DVI-D', the positioning adjustments are not available.
Horizontal/Vertical Lines	Screen has one or more lines	l Reset the monitor to Factory Settings. l Perform Auto Adjust via OSD. l Adjust Phase and Pixel Clock controls via OSD. l Perform monitor self-test feature check and determine if these lines are also in self-test mode. l Check for bent or broken pins in the video cable connector. NOTE: When using 'DVI-D', the Pixel Clock and Phase adjustments are not available.
Synchronization Problems	Screen is scrambled or appears torn	l Reset the monitor to Factory Settings. l Perform Auto Adjust via OSD. l Adjust Phase and Pixel Clock controls via OSD. l Perform monitor self-test feature check to determine if the scrambled screen appears in self-test mode. l Check for bent or broken pins in the video cable connector. l Restart the computer in the *safe mode*.
Safety-Related Issues	Visible signs of smoke or sparks	l Do not perform any troubleshooting steps. l Contact Dell immediately.
Intermittent Problems	Monitor malfunctions on & off	l Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. l Reset the monitor to Factory Settings. l Perform monitor self-test feature check to determine if the intermittent problem occurs in self-test mode.
Missing Color	Picture missing color	l Perform monitor self-test feature check. l Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. l Check for bent or broken pins in the video cable connector.
Wrong Color	Picture color not good	l Change the Color Setting Mode in the Color Settings OSD to Graphics or Video depending on the application. l Try different Color Preset Settings in Color Settings OSD. Adjust R/G/B value in Color Settings OSD if the Color Management is turned off. l Change the Input Color Format to PC RGB or YPbPr in the Advance Setting OSD.
Image retention from a static image left on the monitor for a long period of time	Faint shadow from the static image displayed appears on the screen	l Use the Power Management feature to turn off the monitor at all times when not in use (for more information, see Power Management Modes). l Alternatively, use a dynamically changing screensaver.

Product Specific Problems

Specific Symptoms	What You Experience	Possible Solutions
Screen image is too small	Image is centered on screen, but does not fill entire viewing area	l Reset the monitor to Factory Settings.
Cannot adjust the monitor with the buttons on the front panel	OSD does not appear on the screen	l Turn off the monitor, unplug the power cord, plug back, and then turn on the monitor.
No Input Signal when user controls are pressed	No picture, the LED light is white. When you press "up", "down" or "Menu" key, the message " No input signal" will appear.	l Check the signal source. Ensure the computer is not in the power saving mode by moving the mouse or pressing any key on the keyboard. l **Check whether the signal cable is plugged in properly.** Re-plug the signal cable if necessary. l Reset the computer or video player.
The picture does not fill the entire screen	The picture cannot fill the height or width of the screen	l Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen. l Run the built-in diagnostics.

NOTE: When choosing DVI-D mode, the **Auto Adjust** function is not available.

Dell™ Soundbar Problems

Common Symptoms	What You Experience	Possible Solutions
No sound for system where the Soundbar draws power from an AC adapter	No power to Soundbar - the power indicator is off	l Turn the Power/Volume knob on the Soundbar clockwise to the middle position; check if the power indicator (green LED) on the front of the Soundbar is illuminated. l Confirm that the power cable from the Soundbar is plugged into the adapter.
No Sound	Soundbar has power - power indicator is on	l Plug the audio line-in cable into the computer's audio out jack. l Set all volume controls to their maximum and ensure that the mute option is not enabled. l Play some audio content on the computer (example, audio CD, or MP3). l Turn the Power/Volume knob on the Soundbar clockwise to a higher volume setting. l Clean and reseat the audio line-in plug. l Test the Soundbar using another audio source (For example: portable CD player, MP3 player).
Distorted Sound	Computer's sound card is used	l Clear any obstructions between the Soundbar and the user.

	as the audio source	l Confirm that the audio line-in plug is completely inserted into the jack of the sound card. l Set all Windows volume controls to their midpoints. l Decrease the volume of the audio application. l Turn the Power/Volume knob on the Soundbar counter-clockwise to a lower volume setting. l Clean and reseat the audio line-in plug. l Troubleshoot the computer's sound card. l Test the Soundbar using another audio source (For example: portable CD player, MP3 player). l Avoid using an audio cable extension or audio jack converter.
Distorted Sound	Other audio source is used	l Clear any obstructions between the Soundbar and the user. l Confirm that the audio line-in plug is completely inserted into the jack of the audio source. l Decrease the volume of the audio source. l Turn the Power/Volume knob on the Soundbar counter-clockwise to a lower volume setting. l Clean and reseat the audio line-in plug.
Unbalanced Sound Output	Sound from only one side of Soundbar	l Clear any obstructions between the Soundbar and the user. l Confirm that the audio line-in plug is completely inserted into the jack of the sound card or audio source. l Set all Windows audio balance controls (L-R) to their midpoints. l Clean and reseat the audio line-in plug. l Troubleshoot the computer's sound card. l Test the Soundbar using another audio source (For example: portable CD player, MP3 player).
Low Volume	Volume is too low	l Clear any obstructions between the Soundbar and the user. l Turn the Power/Volume knob on the Soundbar clockwise to the maximum volume setting. l Set all Windows volume controls to their maximum. l Increase the volume of the audio application. l Test the Soundbar using another audio source (For example: portable CD player, MP3 player)