### User's Guide

# L2000CN L2000CE

Make sure to read the Important Precautions before using the product. Keep the User's Guide(CD) in an accessible place for future reference.

See the label attached on the product and give the information to your dealer when you ask for service.



### Important Precautions

This unit has been engineered and manufactured to ensure your personal safety, however improper use may result in potential electrical shock or fire hazards. In order to allow the proper operation of all safeguards incorporated in this display, observe the following basic rules for its installation, use, and servicing.

### On Safety

Use only the power cord supplied with the unit. In case you use another power cord, make sure that it is certified by the applicable national standards if not being provided by the supplier. If the power cable is faulty in any way, please contact the manufacturer or the nearest authorized repair service provider for a replacement.

The power supply cord is used as the main disconnection device. Ensure that the socket-outlet is easily accessible after installation.

Operate the display only from a power source indicated in the specifications of this manual or listed on the display. If you are not sure what type of power supply you have in your home, consult with your dealer.

Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

#### Do not Open the Display.

- There are no user serviceable components inside.
- There are Dangerous High Voltages inside, even when the power is OFF.
- Contact your dealer if the display is not operating properly.

### To Avoid Personal Injury:

- Do not place the display on a sloping shelf unless properly secured.
- Use only a stand recommended by the manufacturer.

#### To Prevent Fire or Hazards:

- Always turn the display OFF if you leave the room for more than a short period of time. Never leave the display ON when leaving the house.
- Keep children from dropping or pushing objects into the display's cabinet openings. Some internal parts carry hazardous voltages.
- Do not add accessories that have not been designed for this display.
- During a lightning storm or when the display is to be left unattended for an extended period of time, unplug it from the wall outlet.

### On Installation

Do not allow anything to rest upon or roll over the power cord, and do not place the display where the power cord is subject to damage.

Do not use this display near water such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool. Displays are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built-up heat can cause failures which may result in a fire hazard. Therefore, NEVER:

- Block the bottom ventilation slots by placing the display on a bed, sofa, rug, etc.
- Place the display in a built-in enclosure unless proper ventilation is provided.
- Cover the openings with cloth or other material.
- Place the display near or over a radiator or heat source.

Do not rub or strike the Active Matrix LCD with anything hard as this may scratch, mar, or damage the Active Matrix LCD permanently.

Do not press the LCD screen with your finger for a long time as this may cause some afterimages.

Some dot defects may appear as Red, Green or Blue spots on the screen. However, this will have no impact or effect on the display performance.

If possible, use the recommended resolution to obtain the best image quality for your LCD display. If used under any mode except the recommended resolution, some scaled or processed images may appear on the screen. However, this is characteristic of the fixed-resolution LCD panel.

### **On Cleaning**

- Unplug the display before cleaning the face of the display screen.
- Use a slightly damp (not wet) cloth. Do not use an aerosol directly on the display screen because over-spraying may cause electrical shock.

### On Repacking

 Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it in its original material.

### On Disposal

- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.
   Disposal of this product must be carried out in accordance to the regulations of your local authority.

### Connecting the Display

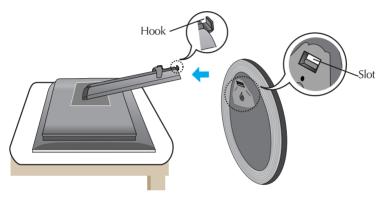
Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

### Connecting the stand base or Removing the stand base

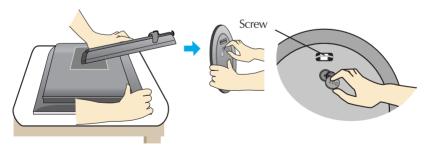
- ${f 1}$ . Place the monitor with its front facing downward on a cushion or soft cloth.
- **2.** Align the hooks on the stand base with the matching slots in the base of the monitor.
- 3. Insert the hooks into slots.

Warning: The tape and locking pin may only be removed from those monitors equipped with a standing base when the base is pulled up.

Otherwise, you may be injured by the protruding sections of the stand.



- **4.** Use a coin on the back of the stand base and turn the screw clockwise to tighten.
- **5.** When you desire to disintegrate the monitor from the stand base, use a coin to turn the screw counterclockwise.



#### **Important**

- This illustration depicts the general model of connection. Your monitor may differ from the items shown in the picture.
- Once you connect the stand base, try not to disconnect it.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.

### Connecting the Display

Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

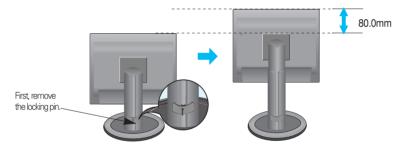
### **Positioning your display**

- 1. Adjust the position of the panel in various ways for maximum comfort.
  - Tilt Range: -5°~25°

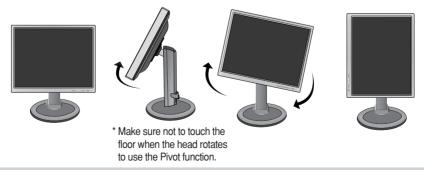
■ Swivel:350°



■ Height Range: maximum 3.15 inch (80.00mm)



■ Landscape & Portrait: You can rotate the panel 90° clockwise. (\* For detailed information, please refer to the Pivot Software CD provided.)

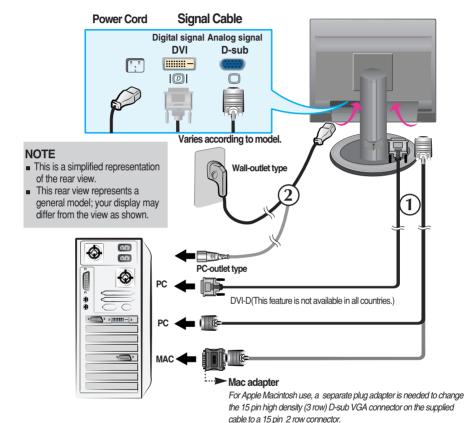


#### **Ergonomic**

It is recommended that in order to maintain an ergonomic and comfortable viewing position, the forward tilt angle of the monitor should not exceed 5 degrees.

### **Using the Computer**

- 1. Place the monitor in a convenient, well-ventilated location near your computer. To adjust height of your monitor, unlock the stand lock on top of the stand.
- 2. Connect the signal cable. When attached, tighten the thumbscrews to secure the connection.
- 3. Connect the power cord into a proper power outlet that is easily accessible and close to the display. ②



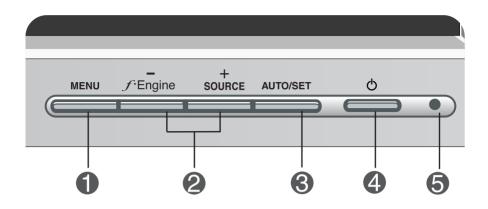
**4.** Press **(**) button on the front switch panel to turn the power on. When monitor power is turned on, the **'Self Image Setting Function'** is executed automatically. (Only Analog Mode)

PROCESSING SELF

#### NOTE

'Self Image Setting Function'? This function provides the user with optimal display settings. When the user connects the monitor for the first time, this function automatically adjusts the display to optimal settings for individual input signals. If you want to adjust the monitor while in use, or wish to manually run this function once again, push the 'AUTO/SET' button on the front panel of the monitor. Otherwise, you may execute the 'Factory reset' option on the OSD adjustment menu. However, be aware that this option initializes all the menu items except 'Language'.

### **Front Panel Controls**



#### Control

#### **Function**



**MENU Button** 

Use this button to enter or exit the On Screen Display.

#### OSD LOCKED/UNLOCKED



This function allows you to lock the current control settings, so that they cannot be inadvertently changed. Press and hold the **MENU button** for several seconds. The message **"OSD LOCKED"** should appear.

You can unlock the OSD controls at any time by pushing the **MENU button** for several seconds. The message **"OSD UNLOCKED"** should appear.



+ Buttons

Use these buttons to select or adjust functions in the On Screen Display.



For more information, refer to page A13.

#### SOURCE hot key

Use this button to make D-Sub or DVI connector active. This feature is used when two computers are connected to the display. The default setting is D-Sub.

# Control Panel Functions

Control	Function
AUTO/SET Button	Use this button to enter a selection in the On Screen Display.
PROCESSING AUTO IMAGE ADJUSTMENT	AUTO IMAGE ADJUSTMENT When adjusting your display settings, always press the AUTO/SET button before entering the On Screen Display(OSD). This will automatically adjust your display image to the ideal settings for the current screen resolution size (display mode). The best display mode is L2000C/L2000CN monitor: 1600x1200 L2000CE monitor: 1400x1050
Power Button	Use this button to turn the display on or off.
6 Power Indicator	This Indicator lights up blue when the display operates normally(On Mode). If the display is in Sleep Mode (Energy Saving), this indicator color changes to amber.

### On Screen Display (OSD) Control Adjustment

### **Screen Adjustment**

Making adjustments to the image size, position and operating parameters of the display is quick and easy with the On Screen Display Control system. A short example is given below to familiarize you with the use of the controls. The following section is an outline of the available adjustments and selections you can make using the OSD.

#### **NOTE**

■ Allow the display to stabilize for at least 30 minutes before making image adjustments.

To make adjustments in the On Screen Display, follow these steps:

$$\texttt{MENU} \rightarrow \textbf{-} + \rightarrow \texttt{AUTO/SET} \rightarrow \textbf{-} + \rightarrow \texttt{MENU}$$

- Press the **MENU Button**, then the main menu of the OSD appears.
- 2 To access a control, use the or + Buttons. When the icon you want becomes highlighted, press the AUTO/SET Button.
- Use the /+ Buttons to adjust the image to the desired level. Use the AUTO/SET Button to select other sub-menu items.
- Push the **MENU Button** once to return to the main menu to select another function. Push the **MENU Button** twice to exit from the OSD.

The following table indicates all the On Screen Display control, adjustment, and setting menus.

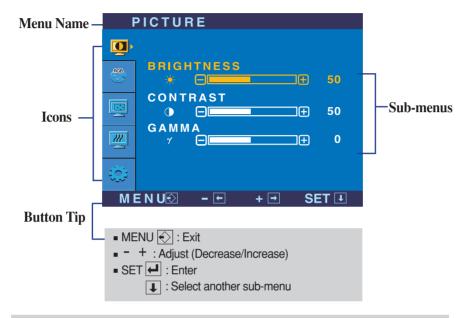
Main menu	Sub-menu		Α	D	Reference	
PICTURE	BRIGHTNESS				To adjust the brightness,	
	CONTRAS	ST			contrast and gamma of the screen	
	GAMMA				Screen	
COLOR		sRGB			To customize the color of	
	PRESET	6500K			the screen	
		9300K				
	RED					
	GREEN					
	BLUE					
POSITION	HORIZON	TAL			To adjust the position of the	
	VERTICAL				screen	
TRACKING	CLOCK				To improve the clarity and	
IMICKING	PHASE				stability of the screen	
SETUP	LANGUAGE				To customize the screen	
SETOI	OSD	HORIZONTAL			status for a user's operating environment	
	POSITION	VERTICAL			CHVIIOTITICITE	
	WHITE BA	LANCE				
	POWER IN	NDICATOR				
	FACTORY	RESET				
FLATRON	MOVIE/TEXT				To select or customize	
F-ENGINE(-)	USER				desired image settings	
	NORMAL					
					stable g Input l Input	

#### NOTE

■ The order of icons may differ depending on the model (A9~A13).

You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu.

Press the MENU Button, then the main menu of the OSD appears.



#### **NOTE**

OSD (On Screen Display) menu languages on the monitor may differ from the manual.

#### Main menu Sub menu Description **PICTURE** To adjust the brightness of the screen. PICTURE **BRIGHTNESS** BRIGHTNESS To adjust the contrast of the screen. CONTRAST CONTRAST GAMMA **GAMMA** Set your own gamma value. : -50/0/50 On the monitor, high gamma values display whitish images and low gamma values display high contrast images. MENUÐ - Œ + ➡ MENU : Exit - : Decrease ■ + : Increase SET : Select another sub-menu









**HORIZONTAL** 

To move image left and right.

**VERTICAL** To move image up and down.

■ MENU : Exit - : Decrease + : Increase

■ SET: Select another sub-menu

Main menu	Sub menu	Description
Main menu	Sub menu	Description
TRACKING  TRACKING  CLOCK  PHASE  MENUS - + SET 1	CLOCK	To minimize any vertical bars or stripes visible on the screen background. The horizontal screen size will also change.  To adjust the focus of the display. This item allows you to remove any horizontal noise and clear or sharpen the image of characters.
<ul> <li>MENU : Exit</li> <li>- : Decrease</li> <li>+ : Increase</li> <li>SET : Select another sub-me</li> </ul>	enu	
SETUP SETUP	LANGUAGE	To choose the language in which the control names are displayed.
OSD POSITION HORIZONTAL  50	OSD POSITION	To adjust position of the OSD window on the screen.
WHITE BALANCE NO POWER INDICATOR NO PACTORY RESET NO  ANALOG  ANALOG  ANALOG  ANALOG  ANALOG  ANALOG	WHITE BALANCE	If the output of the video card is different the required specifications, the color level may deteriorate due to video signal distortion. Using this function, the signal level is adjusted to fit into the standard output level of the video card in order to provide the optimal image. Activate this function when white and black colors are present in the screen.
■ MENU: Exit ■ - : Adjust ■ + : Adjust ■ + : Adjust ■ SET : Select another sub-me	POWER INDICATOR	Use this function to set the power indicator on the front side of the monitor to <b>ON</b> or <b>OFF</b> . If you set <b>OFF</b> , it will go off. If you set <b>ON</b> at any time, the power indicator will automatically be turned on.
	FACTORY RESET	Restore all factory default settings except "LANGUAGE." Press the + button to reset immediately.

If this does not improve the screen image, restore the factory default settings. If necessary, perform the white balance function again. This function will be enabled only when the input signal is an analog signal.

■ ■ The OSD screen will appear when you touch the fengine (-) button on the right of the monitor



#### FLATRON F-ENGINE

When you execute F-ENGINE, two tones will appear on the screen as shown. The applied screen will appear on the left side, whereas the non-applied screen will appear on the right side. Touch the SET button to use the adjusted screen.



#### Main menu

#### Sub menu

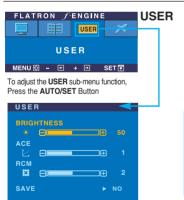
#### Description



This feature lets you easily select the best desired image condition optimized to the environment (ambient illumination, image types etc).

MOVIE: For animation images in videos or movies

**TEXT**: For text images (Word processing etc.)



#### User

You can manually adjust brightness, ACE or RCM. You can save or restore the adjusted value even when using a different environment setting.

• (Brightness): Adjusts screen brightness.

···ACE(Adaptive Clarity Enhancer): Selects the clarity mode.

Select the **SAVE** sub-menu using the **SET button** and save the **YES** value using the **buttons**.



**NORMAL** This is under normal operating conditions.

Check the following before calling for service.

### No image appears

- Is the power cord of the display connected?
- Check and see if the power cord is connected properly to the power outlet.
- Is the power indicator light on?
- · Press the Power button.
- Is the power on and the power indicator blue or green?
- Adjust the brightness and the contrast.
- Is the power indicator amber?
- If the display is in power saving mode, try moving the mouse or pressing any key on the keyboard to bring up the screen.
- Try to turn on the PC.
- Do you see an "OUT OF RANGE" message on the screen?
- This message appears when the signal from the PC (video card) is out of horizontal or vertical frequency range of the display. See the 'Specifications' section of this manual and configure your display again.
- Do you see a "CHECK SIGNAL CABLE" message on the screen?
- This message appears when the signal cable between your PC and your display is not connected. Check the signal cable and try again.

### Do you see a "OSD LOCKED" message on the screen?

- Do you see "OSD LOCKED" when you push MENU button?
- You can secure the current control settings, so that they cannot be inadvertently changed. You can unlock the OSD controls at any time by pushing the MENU button for several seconds: the message "OSD UNLOCKED" will appear.

### Display image is incorrect

- Display Position is incorrect.
- Press the AUTO/SET button to automatically adjust your display image to the ideal setting.
   If the results are unsatisfactory, adjust the image position using the H position and V position icon in the on screen display.
- Check Control Panel --> Display --> Settings and see if the frequency or the resolution were changed. If yes, readjust the video card to the recommend resolution.
- On the screen background, vertical bars or stripes are visible.
- Press the AUTO/SET button to automatically adjust your display image to the ideal setting. If the results are unsatisfactory, decrease the vertical bars or stripes using the CLOCK icon in the on screen display.
- Any horizontal noise appearing in any image or characters are not clearly portrayed.
- Press the AUTO/SET button to automatically adjust your display image to the ideal setting. If the results are unsatisfactory, decrease the horizontal bars using the PHASE icon in the on screen display.
- Check Control Panel --> Display --> Settings and adjust the display to the recommended resolution or adjust the display image to the ideal setting. Set the color setting higher than 24 bits (true color).
- The screen color is mono or abnormal.
- Check if the signal cable is properly connected and use a screwdriver to fasten if necessary.
- Make sure the video card is properly inserted in the slot.
- Set the color setting higher than 24 bits (true color) at Control Panel - Settings.
- The screen blinks.
- Check if the screen is set to interlace mode and if yes, change it to the recommend resolution.

### Have you installed the display driver?

- Have you installed the display driver?
- Be sure to install the display driver from the display driver CD (or diskette) that comes with your display. Or, you can also download the driver from our web site: http://www.lge.com.
- Do you see an "Unrecognized monitor, Plug&Play (VESA DDC) monitor found" message?
- Make sure to check if the video card supports Plug&Play function.

#### L2000CE Monitor

Image not stretched vertically at 1280x1024@60 and 1280x1024@75 resolutions Image

- Image has black horizontal area or image missing at the top edge and bottom edge of the screen.
- This is normal state of the image. It is being implemented to avoid character blurriness caused by scaling 1280x1024 to 1400x1050 resolution.

Display	Anti-Gla 20.1 incl 0.255mi	re coating hes viewa m pixel pit	ble	rtive matrix-TFT LCD
Sync Input	Horizontal Freq. Analog : 28 - 83kHz (Automatic) Digital : 28 - 83kHz (Automatic)			
	Vertical	Freg.	56 - 75Hz (Au	
	Input Fo	•		, Positive/Negative
Video Input	Signal I	•	15 pin D-Sub DVI - D conne	ector (Digital)
	Input Fo	orm		0.7Vp-p/75ohm), Digital
Resolution	Max		DVI : Digital -	g - VESA 1600 x 1200@60Hz VESA 1600 x 1200@60Hz
Di O Di	DD000		Recommend	VESA 1600 x 1200@60Hz
Plug&Play	DDC 2B			
Power Consumption	On Moo	lode	: 58W ≤ 1W ≤ 1W	
Dimensions			Without Stand	
&Weight	Width		17.47 inches	44.39 cm / 17.47 inches
	Height		17.28 inches(Min)	34.51 cm / 13.58 inches
			20.43 inches(Max)	
	Depth Net	24.26 cm / 7.7 kg	9.55 inches	6.86 cm / 2.70 inches
Tilt/Swivel Range	Tilt range -5°~25° Swivel range Height range 80mm / 3.15 inches Rotate 90°clockwise(Landscape -> Portrait)			
Power Input	AC 100-	240V~ 50,	/60Hz 1.2A	
Environmental Conditions	Operating Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing		non-Condensing	
	Storage Temper Humidi		-20°C to 60 °C	on-Condensing

Display					
Digital : 28 - 83kHz (Automatic)   Vertical Freq.   56 - 75Hz (Automatic)	Display	Anti-Glar 20.1 incl	re coating hes viewab	ole	ctive matrix-TFT LCD
Input Form   Separate TTL, Positive/Negative   SOG (Sync On Green)   Digital	Sync Input				
SOG (Sync On Green)   Digital		Vertical	Freq.	56 - 75Hz (Au	tomatic)
DVI - D connector (Digital)		Input Fo	orm	SOG (Sync O	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Video Input			DVÍ - D conne	ector (Digital)
DVI : Digital - VESA 1400 x 1050@60Hz		Input Fo	orm		
Power Consumption         On Mode Sleep Mode ≤ 1W Sleep Mode ≤ 1W           Dimensions &Weight         With Stand With Stand Without Stand With 44.39 cm / 17.47 inches 43.89 cm / 17.28 inches(Min) 51.89 cm / 20.43 inches(Max) Depth 24.26 cm / 9.55 inches Net 7.5 kg         44.39 cm / 17.47 inches 6.86 cm / 2.70 inches           Tilt range 5.89 cm / 20.43 inches(Max) Depth 24.26 cm / 9.55 inches 6.86 cm / 2.70 inches           Net 7.5 kg           Tilt range 350° Height range 80mm / 3.15 inches 80mm / 3.15 inches 80mm / 3.15 inches 90°clockwise(Landscape -> Portrait)           Power Input         AC 100-240V~ 50/60Hz 1.2A           Environmental Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing           Storage Conditions Temperature -20°C to 60 °C	Resolution	Max		DVI: Digital -	VESA 1400 x 1050@60Hz
Power Consumption         On Mode Sleep Mode ≤ 1W Off Mode ≤ 1W           Dimensions &Weight         With Stand Without Stand           Width 44.39 cm / 17.47 inches Height 43.89 cm / 17.28 inches (Min) 51.89 cm / 20.43 inches (Max) Depth 24.26 cm / 9.55 inches         34.51 cm / 13.58 inches           Net 7.5 kg         Tilt range 350° Height range 80mm / 3.15 inches Rotate 90°clockwise(Landscape -> Portrait)           Power Input         AC 100-240V~ 50/60Hz 1.2A           Environmental Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing           Storage Conditions Temperature -20°C to 60 °C	Dlug 9 Dloy	DDC 2D		Recommend	VESA 1400 X 1050@60Hz
Consumption         Sleep Mode Off Mode         ≤ 1W           Dimensions & Weight         With Stand         Without Stand           Weight         Width 44.39 cm / 17.47 inches 43.89 cm / 17.28 inches(Min) 34.51 cm / 13.58 inches 51.89 cm / 20.43 inches(Max)         34.51 cm / 13.58 inches           Depth 24.26 cm / 9.55 inches         6.86 cm / 2.70 inches           Net 7.5 kg         Tilt range 350° Swivel range 80mm / 3.15 inches 80mm / 3.15 inches 80mm / 3.15 inches 90°clockwise(Landscape -> Portrait)           Power Input         AC 100-240V~ 50/60Hz 1.2A           Power Input         AC 100-240V~ 50/60Hz 1.2A           Conditions         Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing           Storage Conditions Temperature -20°C to 60 °C	-			EO/A/	
Width		Sleep M	lode	≤ 1W	
Height   43.89 cm / 17.28 inches (Min)   34.51 cm / 13.58 inches   6.86 cm / 2.70 inches   Net   7.5 kg   7.5 kg	Dimensions			tand	Without Stand
Depth   24.26 cm / 9.55 inches   6.86 cm / 2.70 inches	&Weight	Width	44.39 cm / 1	7.47 inches	44.39 cm / 17.47 inches
		Height	43.89 cm / 1	7.28 inches(Min)	34.51 cm / 13.58 inches
Tilt/Swivel Range  Tilt range Swivel range Rotate  Tilt range Rotate  Tilt range So" Height range Rotate  Tilt range So" Height range Rotate  Tilt range So" Somm / 3.15 inches Solockwise(Landscape -> Portrait)  Power Input  AC 100-240V~ 50/60Hz 1.2A  Conditions  Temperature Temperature To"C to 35 °C Humidity  To % to 80 % non-Condensing  Storage Conditions Temperature  -20°C to 60 °C			51.89 cm / 2	0.43 inches(Max)	
Tilt/Swivel Range Swivel range Swivel range Height range Rotate S0mm / 3.15 inches Rotate 90°clockwise(Landscape -> Portrait)  Power Input AC 100-240V~ 50/60Hz 1.2A  Environmental Conditions Temperature Humidity 10 % to 80 % non-Condensing  Storage Conditions Temperature -20°C to 60 °C				9.55 inches	6.86 cm / 2.70 inches
Swivel range					
Environmental Conditions  Operating Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing  Storage Conditions Temperature -20°C to 60 °C	Tilt/Swivel Range	Swivel range 350° Height range 80mm / 3.15 inches			
Conditions  Temperature Humidity 10 °C to 35 °C 10 % to 80 % non-Condensing  Storage Conditions Temperature -20 °C to 60 °C	Power Input	AC 100-240V~ 50/60Hz 1.2A			
Temperature -20°C to 60 °C		Temperature 10°C to 35 °C		non-Condensing	
		Temper	rature	-20°C to 60 °C	non-Condensing

# Specifications

Stand Base	Attached( ), Detached ( O )
Signal cable	Attached(O), Detached()
Power cord	Wall-outlet type or PC-outlet type

### NOTE

■ Information in this document is subject to change without notice.

### **Preset Modes (Resolution)**

### **● L2000C/L2000CN monitor**

Disp	lay Modes (Resolution)	Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	640 x 350	31.47	70.09
2	640 x 480	31.47	59.94
3	640 x 480	37.50	75
4	720 x 400	31.47	70.08
5	800 x 600	37.88	60.32
6	800 x 600	46.88	75
7	832 x 624	49.72	74.55
8	1024 x 768	48.36	60
9	1024 x 768	60.02	75.03
10	1152 x 870	68.68	75.06
11	1152 x 900	61.80	65.96
12	1280 x 1024	63.98	60.02
13	1280 x 1024	79.98	75.02
*14	1600 x 1200	75.0	60

<sup>\*</sup> Recommend Mode

### **● L2000CE monitor**

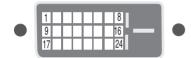
Disp	olay Modes (Resolution)	Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	640 x 350	31.47	70.09
2	640 x 480	31.47	59.94
3	640 x 480	37.50	75
4	720 x 400	31.47	70.08
5	800 x 600	37.88	60.32
6	800 x 600	46.88	75
7	832 x 624	49.72	74.55
8	1024 x 768	48.36	60
9	1024 x 768	60.02	75.03
10	1152 x 870	68.68	75.06
11	1152 x 900	61.80	65.96
12	1280 x 1024	63.98	60.02
13	1280 x 1024	79.98	75.02
*14	1400 x 1050	65.3	60

<sup>\*</sup> Recommend Mode

### **Indicator**

MODE	LED Color
On Mode	Blue
Sleep Mode	Amber
Off Mode	Off

# Signal Connector Pin Assignment



#### DVI-D Connector

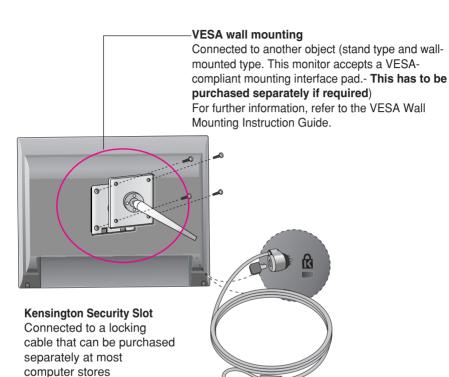
Pin	Signal(DVI-D)
1	T. M. D. S. Data2-
2	T. M. D. S. Data2+
3	T. M. D. S. Data2/4 Shield
4	T. M. D. S. Data4-
5	T. M. D. S. Data4+
6	DDC Clock
7	DDC Data
8	Analog Vertical Sync.
9	T. M. D. S. Data1-
10	T. M. D. S. Data1+
11	T. M. D. S. Data1/3 Shield
12	T. M. D. S. Data3-
13	T. M. D. S. Data3+
14	+5V Power
15	Ground (return for +5V, H. Sync. and V. Sync.)

Pin	Signal(DVI-D)
16	Hot Plug Detect
17	T. M. D. S. Data0-
18	T. M. D. S. Data0+
19	T. M. D. S. Data0/5 Shield
20	T. M. D. S. Data5-
21	T. M. D. S. Data5+
22	T. M. D. S. Clock Shield
23	T. M. D. S. Clock+
24	T. M. D. S. Clock-

T. M. D. S. (Transition Minimized Differential Signaling)

## How to Install the VESA Standard wall mounting

This monitor meets VESA-compliant mounting interface pad specifications.



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