English

中文

RadiForce®

GX530-BL GX530-CL GX530-CLAR

Monochrome LCD Monitor

Setup Manual

Important: Please read PRECAUTIONS, this Setup Manual and the User's Manual (on the CD-ROM) carefully to familiarize yourself with safe and effective usage. Please retain this manual for future reference.

设定手册

重要事项： 请仔细阅读预防措施、本设定手册和用户手册（储存在光盘上），以便掌握如何安全、有效地使用本产品。请保留本手册，以备日后参考。

EIZO®

Compatible Resolutions

兼容的分辨率

The monitor supports the following resolutions.
本显示器支持下列分辨率。

√ : Supported

Resolution	Applicable signal	vertical scan frequency	Dot Clock	DVI		DisplayPort		SDG[*1]
				Portrait	Landscape	Portrait	Landscape	Portrait
720 × 400	VGA TEXT	70 Hz	290 MHz (Max.)	√	√	√	√	√
640 × 480	VGA	60 Hz		√	√	√	√	√
800 × 600	VESA	60 Hz		√	√	√	√	√
1024 × 768	VESA	60 Hz		√	√	√	√	√
1280 × 1024	VESA	60 Hz		√	√	√	√	√
1600 × 1200	VESA	60 Hz		√	√	√	√	√
2560 × 2048	VESA CVT	50 Hz		-	√[*2]	-	√	-
2048 × 2560	VESA CVT	50 Hz		√[*2]	-	√	-	-
2560 × 2048	VESA CVT	25 Hz		-	√	-	√	-
2048 × 2560	VESA CVT	25 Hz		√	-	√	-	-
2048 × 2560	SDG	25 Hz		-	-	-	-	√

[*1] A supported graphics board is required to display.
[*1] 显示时所需要的支持图形卡。
[*2] Dual Link

RadiForce® GX530-BL GX530-CL GX530-CLAR

Monochrome LCD Monitor

English

Location of the Caution Statements

Symbols on the unit

Symbol	This symbol indicates	
○	Main Power Switch:	Press to turn the monitor's main power off.
|	Main Power Switch:	Press to turn the monitor's main power on.
⏻	Power button:	Press to turn the monitor's power on or off.
~	Alternating current	
⚡	Alerting electrical hazard	
!	CAUTION:	Refer to SAFETY SYMBOLS section in PRECAUTIONS.

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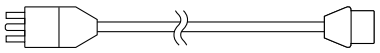
Package Contents

Check that all the following items are included in the packaging box. If any items are missing or damaged, contact your local dealer.

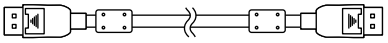
Note

- Please keep the packaging box and materials for future movement or transport of the monitor.

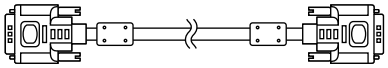
- Monitor
- Power cord



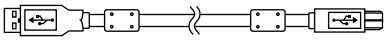
- Digital signal cable (DisplayPort) : PP300



- Digital signal cable (Dual Link) : DD300DL

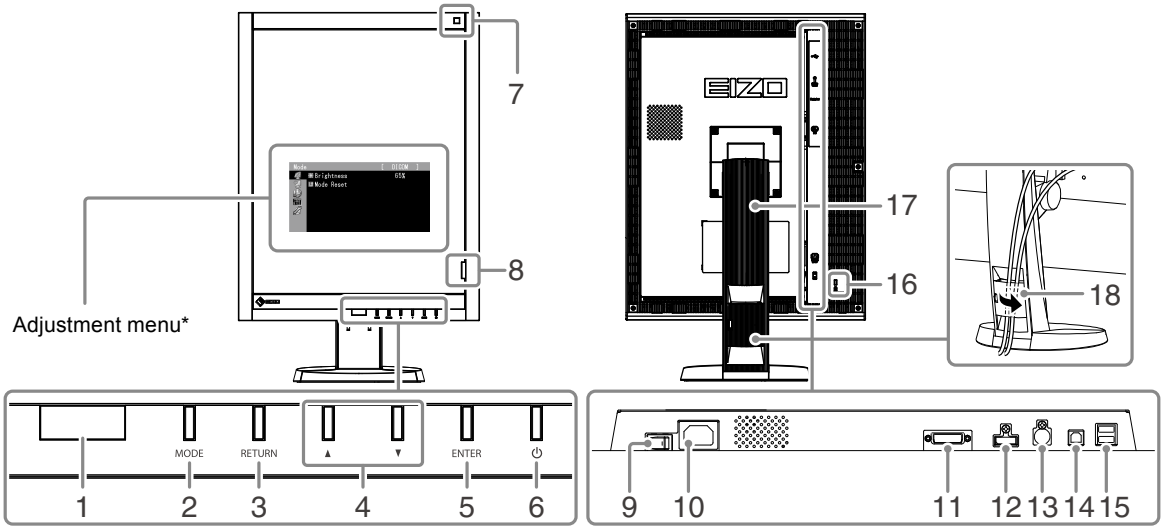


- USB cable: UU300



- EIZO LCD Utility Disk (CD-ROM)
- Setup Manual (this manual)
- PRECAUTIONS
- Cleaning Kit “ScreenCleaner” (for GX530-CLAR only)

Controls and Functions



1. Presence Sensor	Detects the movement of a person in front of the monitor.
2. MODE **button**	Switches the CAL Switch mode.
3. RETURN **button**	Cancels the setting/adjustment and exits the Adjustment menu.
4. ▲▼ button	Chooses and increases/decreases adjustment settings for advanced adjustment using the Adjustment menu.
5. ENTER **button**	Displays the Adjustment menu, determines an item on the menu screen, and saves values adjusted.
6. ⏻ button	• Turns the power on or off. • Indicates the monitor’s operation status. Green: Operating, Orange: Power saving mode, Off: Main power/power off
7. Ambient Light Sensor	Measures the environmental illumination.
8. Integrated Front Sensor	Used for calibration and Grayscale Check.
9. Main power switch	Turns the main power on or off.
10. Power connector	Connects the power cord.
11. Input signal connector	DVI-D connector
12. Input signal connector	DisplayPort connector
13. PS/2 connector	Used for maintenance. Do not use for other applications. This may cause the monitor to malfunction.
14. USB port (UP)	Connects the USB cable to use the software that needs USB connection, or to use USB Hub function.
15. USB port (DOWN)	Connects a peripheral USB device.
16. Security lock slot	Complies with Kensington’s MicroSaver security system.
17. Stand	Used to adjust the height and angle of the monitor screen.
18. Cable holder	Covers the monitor cables.

* For instructions for use, refer to the User’s Manual (on the CD-ROM).

Connecting Cables

Attention

- Check that the monitor and the PC are powered off.
- When replacing the current monitor with this monitor, be sure to change the PC settings for resolution and vertical scan frequency to those that are available for this monitor. Refer to the compatible resolution table (back of cover page) before connecting the PC.

Note

- When connecting multiple PCs to this product, refer to the User's Manual (on the CD-ROM).

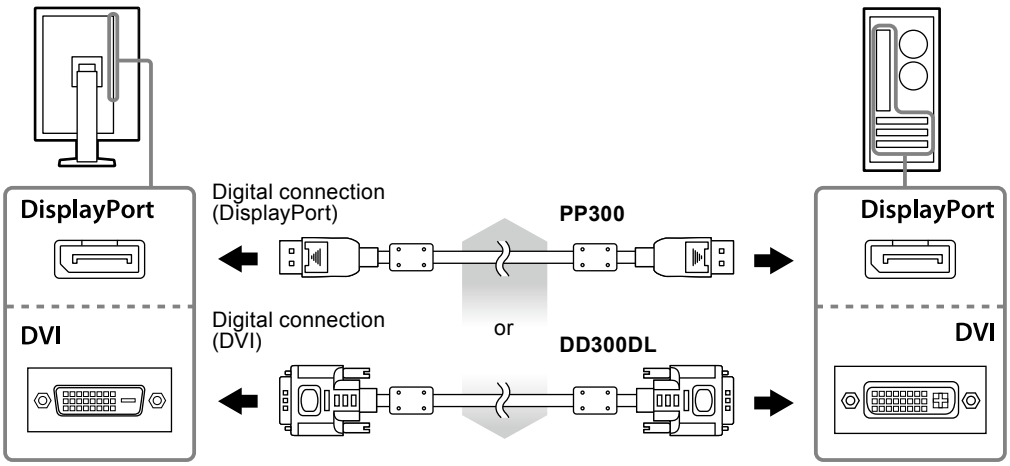
1. Turn the monitor screen 90˚ in clockwise direction.

The landscape position is the default monitor orientation. Turn the monitor screen ninety degrees to portrait position before installing it.

2. Connect the signal cables to the input signal connectors and PC.

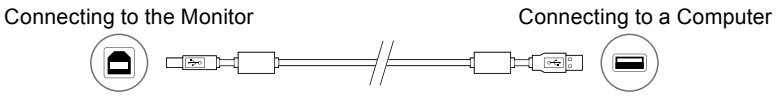
Check the shape of the connectors, and connect the cables.

After connecting the signal cable, tighten the screws of the connectors to secure the coupling.



3. Plug the power cord into a power outlet and the power connector on the monitor.

4. Connect the USB cable when using RadiCS LE or ScreenManager Pro for Medical.



5. Press ⏻ to turn on the monitor.

The monitor's power indicator lights up green.

6. Turn on the PC.

The screen image appears.

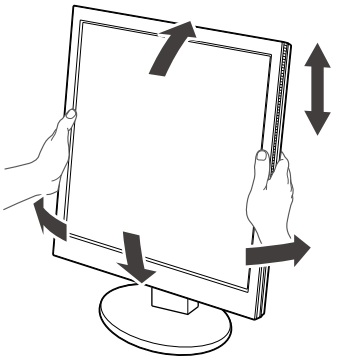
If an image does not appear, refer to "No picture" (page 6) for additional advice.

Attention

- Turn off the monitor and PC after using them.
- For the maximum power saving, it is recommended that the Power button be turned off. Turning off the main power switch or unplugging the power cord completely shuts off power supply to the monitor.

Adjusting the Screen Height and Angle

Hold left and right edge of the monitor with both hands, and adjust the screen height, tilt and swivel of the screen to the best condition for working.

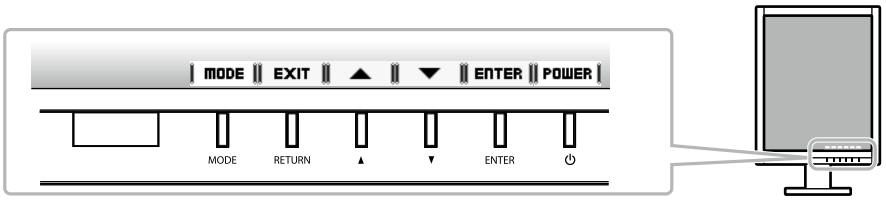


Attention

- Be sure that the cables are correctly connected.

Showing Button Guide

Press the front buttons (except ⏻ button), the Button Guide appears above the button.



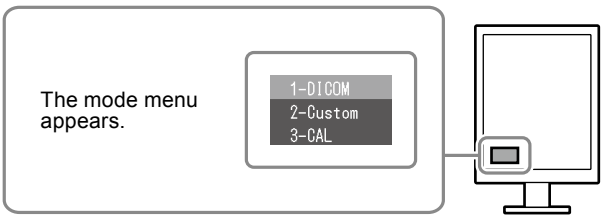
Note

- The Button Guide will continue to appear while the Adjustment menu or mode menu is showing.
- The Button Guide is displayed differently depending on the selected menu or status.

Selecting Display Mode

This function allows easy selection of a desired mode according to monitor application.

Mode	Purpose
1-DICOM	Available to display in DICOM mode.
2-Custom	Available for the setting according to your preference.
3-CAL	Displays the screen adjusted by calibration software.



Procedure

1. Press MODE.
   The mode menu appears at the bottom left of the screen.
2. The mode among the list is highlighted in turn each time MODE is pressed.
   You can switch the mode with ▲ or ▼ while the mode menu is displayed.

→1-DICOM←→2-Custom←→3-CAL←

Controlling Monitor Quality

The quality control software “RadiCS LE” (for Windows) is included with this monitor.
To calibrate the monitor and manage the calibration history, install RadiCS LE with reference to the RadiCS LE User's Manual (on the CD-ROM). Use the RadiCS SelfQC function and built-in Integrated Front Sensor to perform periodic calibration and Grayscale Check for the monitor independently. For details, refer to the User’s Manual (on the CD-ROM).

Attention

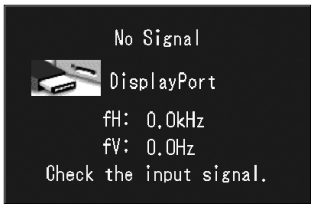
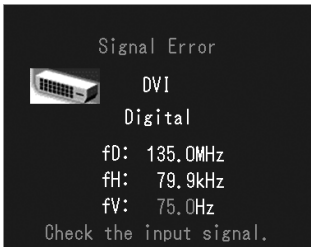
- Connect the monitor to the PC with a USB cable when using RadiCS LE.

Note

- To perform advanced quality control that conforms to medical standards, use the optional monitor quality control software kit “RadiCS UX1”.

No picture

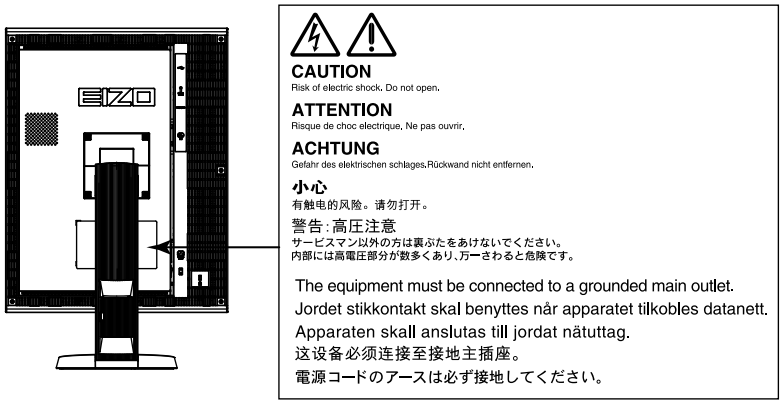
If a problem still remains after applying the suggested remedies, contact your local dealer.

Problem	Possible cause and remedy
1. No picture • Power indicator does not light.	• Check whether the power cord is connected properly. • Turn the main power switch on. • Press ⏻. • Turn off the main power, and then turn it on again a few minutes later.
• Power indicator is lighting orange or green.	• Switch the input signal. For details, refer to the User's Manual (on the CD-ROM). • Operate the mouse or keyboard. • Check whether the PC is turned on. • When the Presence Sensor is set at a value from "Level-1" to "Level-4", the monitor may have shifted to the power saving mode. Come near to the monitor.
• Power indicator flashes orange and green.	• There is a problem in the device that uses DisplayPort connection. Solve the problem, turn off the monitor, and then turn it on again. Refer to the user's manual of the device that uses DisplayPort connection for details.
2. The message below appears.	This message appears when the signal is not input correctly even when the monitor functions properly.
• This message appears when no signal is input. Example:  	• The message shown left may appear, because some PCs do not output the signal soon after power-on. • Check whether the PC is turned on. • Check whether the signal cable is connected properly. • Switch the input signal. For details, refer to the User's Manual (on the CD-ROM).
• The message shows that the input signal is out of the specified frequency range. Example:  fD: Dot Clock fH: Horizontal Scan Frequency fV: Vertical scan frequency	• Check whether the PC is configured to meet the resolution and vertical scan frequency requirements of the monitor (see "Compatible Resolutions"). • Reboot the PC. • Select an appropriate display mode using the graphics board's utility. Refer to the manual of the graphics board for details.

RadiForce® GX530-BL GX530-CL GX530-CLAR

黑白液晶显示器

警告声明的位置



设备上的标识

标识	标识指示	
○	主电源开关：	按此键关闭显示器的主电源。
|	主电源开关：	按此键打开显示器的主电源。
⏻	电源按钮：	按此键打开 / 关闭显示器的主电源。
~	交流电	
⚡	电子报警器	
⚠	警告：	请参照预防措施中的安全符号章节。

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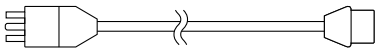
打包内容

请检查包装盒中是否包含下列物品。如果缺少物品，或物品存在损坏现象，请与您当地的经销商联系。

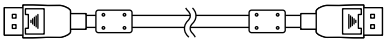
注

- 请保留好包装盒和包装材料，以便将来显示器移动或搬运时使用。

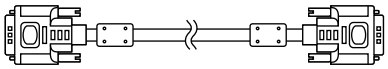
- 显示器
- 电源线



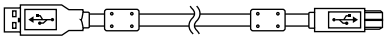
- 数字信号线（DisplayPort）：PP300



- 数字信号线（Dual Link）：DD300DL

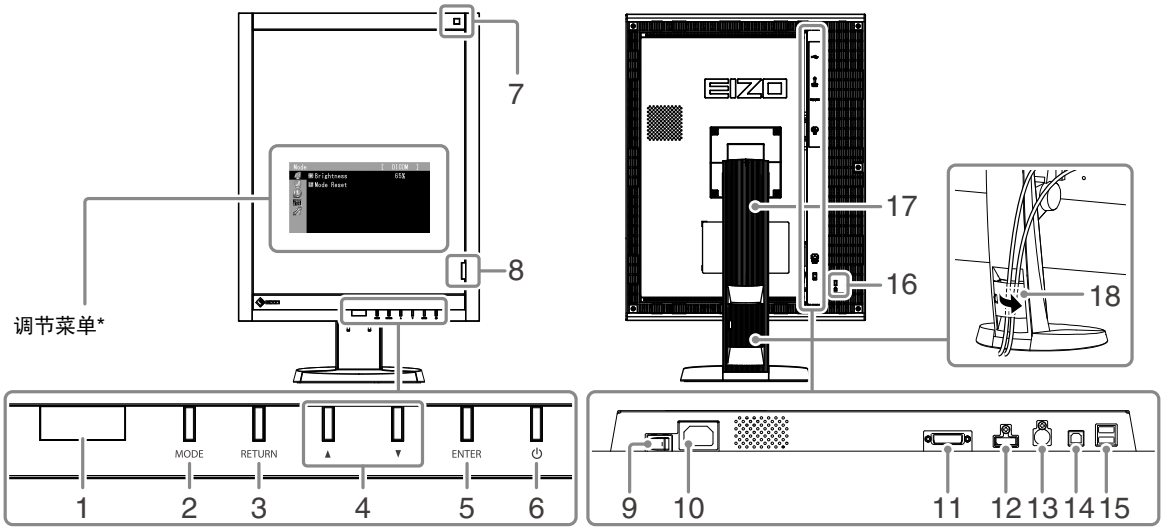


- USB电缆：UU300



- EIZO LCD Utility Disk（CD-ROM）
- 设定手册（本手册）
- 预防措施
- 清洁工具包撸“ScreenCleaner”（仅限于 GX530-CLAR）

控制和功能



1. 状态传感器	显示器正面的传感器会检测人的移动。
2. MODE 按钮	切换CAL Switch模式。
3. RETURN 按钮	取消设定/调节并退出调节菜单。
4. ▲▼ 按钮	在调节菜单上选择并增大/减小调节设定，进行高级调节。
5. ENTER 按钮	显示调节菜单，确定菜单屏幕上的某个项目，并保存已调节的值。
6. ⏻ 按钮	• 开关电源。 • 说明显示器工作状态。 绿：工作，橙：省电模式，关闭：主电源/电源关闭
7. 环境光线传感器	测量环境照度。
8. 集成前传感器	用于校准和灰阶检查。
9. 主电源开关	开关主电源。
10. 电源连接器	连接电源线。
11. 输入信号连接器	DVI-D连接器
12. 输入信号连接器	DisplayPort连接器
13. PS/2连接器	用于维护。请勿用于其它用途。这样会导致显示器故障。
14. USB端口（UP）	连接USB电缆以使用需要USB连接的软件或使用USB集线器功能。
15. USB端口（DOWN）	连接外部USB设备。
16. 安全锁插槽	符合Kensington防盗锁安全系统。
17. 底座	用于调节显示器屏幕的高度和角度。
18. 电缆固定器	固定显示器电缆。

* 关于使用说明，请参照（CD-ROM上的）用户手册。

连接电缆

注意

- 确保显示器和个人计算机的电源关闭。
- 将当前的显示器换成该显示器时，请务必将分辨率和垂直扫描频率等PC设置更改为该显示器可用的设置。连接PC之前，请参照兼容的分辨率表格（封页背面）。

注

- 当多台个人计算机连接到显示器上时，请参照（CD-ROM上的）用户手册。

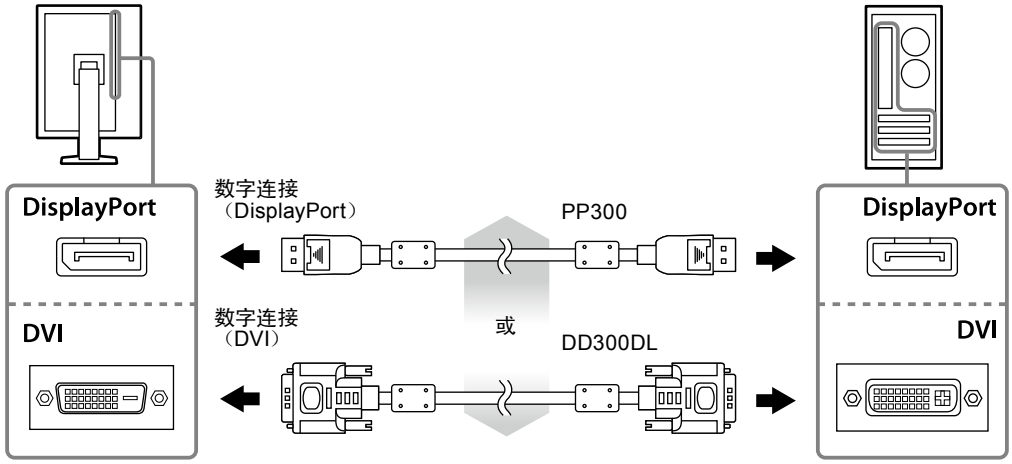
1. 将显示器屏幕沿顺时针方向旋转90˚。

横向位置是默认的显示器方向。安装显示器屏幕前，将显示器屏幕转动 90˚ 至纵向位置。

2. 将信号线连接至输入信号连接器和PC。

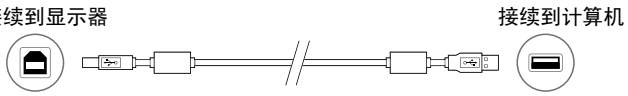
检查连接器的形状，然后连接电缆。

连接到信号线后，请拧紧连接器的螺钉，固定连接。



3. 将电源线插头插入电源插座和显示器上的电源连接器。

4. 当使用RadiCS LE或ScreenManager Pro for Medical时，请连接USB电缆。



5. 按 ⏻ 打开显示器。

显示器电源指示灯亮起绿色。

6. 将个人计算机开机。

出现画面图像。

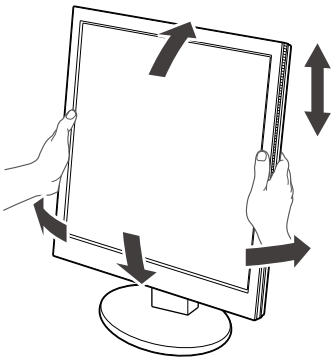
如果未出现图像，请参照“不显示图像”（第6页）获得帮助。

注意

- 使用后关闭显示器和个人计算机。
- 为了最大限度地省电，建议您关闭电源按钮。断开主电源开关，或者拔掉电源线，彻底断开显示器电源供应。

调整屏幕高度和角度

用双手抓住显示器的左右两边，调节屏幕高度，将屏幕倾斜并回转到最佳工作状态。

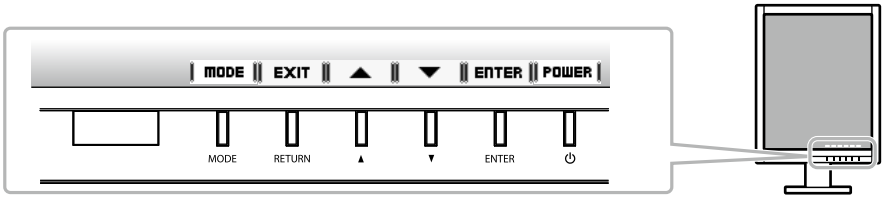


注意

- 请确认各接线是否正确。

显示按钮指南

按前按钮（⏻ 按钮除外），按钮上方出现按钮指南。



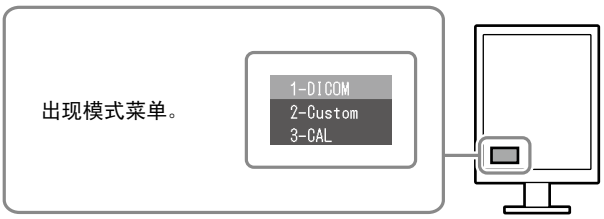
注

- 显示调整菜单和彩色模式菜单时，持续显示按钮指南。
- 按钮指南的显示因所选菜单或状态而异。

选择显示模式

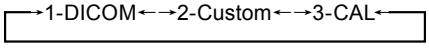
可以根据显示器的用途，用此功能轻松选择一种希望的模式。

模式	用途
1-DICOM	可在 DICOM 模式中显示。
2-Custom	在根据自己的偏爱设定时选择。
3-CAL	显示用校准软件调整的屏幕。



步骤

1. 按 MODE。
   屏幕左下角出现模式菜单。
2. 每按一次 MODE，列表的模式将交替高亮显示。
   显示模式菜单时，您可用 ▲ 或 ▼ 切换模式。



控制显示器质量

本显示器附带品质管理软件“RadiCS LE”（用于 Windows）。
要校准显示器和管理校准历史，请参照（在CD-ROM上）RadiCS LE用户手册安装RadiCS LE。通过RadiCS SelfQC功能和集成前传感器（Integrated Front Sensor）分别对显示器定期进行校准和灰阶检查。详细说明，请参照（在CD-ROM上）用户手册。

注意

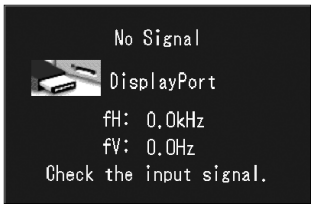
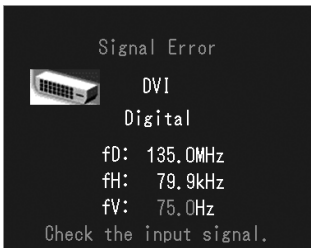
- 使用RadiCS LE 时，请用USB 电缆连接显示器到电脑。

注

- 若要执行符合医学标准的高级质量控制，可使用选购的质量控制软件工具包“RadiCS UX1”。

不显示图像

如果在采取建议的措施后仍旧不能解决问题，请联系当地的经销商。

问题	可能的原因和解决办法
1. 不显示图像 • 电源指示灯不亮。	• 检查电源线连接是否正确。 • 接通主电源开关。 • 按 ⏻。 • 关闭主电源，几分钟后再将其打开。
• 电源指示灯显示橙色或绿色。	• 切换输入信号。详细说明，请参照（在CD-ROM上）用户手册。 • 操作鼠标或键盘。 • 检查个人计算机的电源是否已打开。 • 当状态传感器值被设定在“级别-1”与“级别-4”之间时，显示器可能已经切换到省电模式。靠近显示器。
• 电源指示灯以橙色和绿色闪烁。	• 使用DisplayPort连接的设备存在问题。解决此问题，关闭显示器，然后重新打开。有关详情，请参照使用DisplayPort连接的设备的用户手册。
2. 出现下列信息。	即使显示器正常工作，如果不正确输入信号，也出现此信息。
• 在没有信号输入时，出现此信息。 例如： 	• 可能会出现左边所示的信息、因为某些个人计算机不会在刚开启电源时即输出信号。 • 检查个人计算机的电源是否已打开。 • 检查信号线连接是否正确。 • 切换输入信号。详细说明，请参照（在CD-ROM上）用户手册。
• 该信息表示输入信号不在指定频率范围之内。 例如：  fD：点时钟 fH：水平扫描频率 fV：垂直扫描频率	• 检查PC配置是否符合显示器的分辨率和垂直扫描频率要求（参阅“兼容的分辨率”）。 • 重新启动PC。 • 用显卡工具选择合适的显示模式。参照显卡手册了解详情。

EIZO Corporation
153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
Phone: +81 76 277 6792 Fax: +81 76 277 6793

EIZO Europe GmbH
Helmut-Grashoff-Strasse 18, 41179 Mönchengladbach, Germany
Phone: +49 2161 8210120 Fax: +49 2161 8210150

艺卓显像技术(苏州)有限公司
中国苏州市苏州工业园区展业路8号中新科技工业坊5B
Phone：+86 512 6252 0100 Fax：+86 512 6252 1508

http://www.eizo.com

3rd Edition-April, 2013 Printed in China.
00N0L673C3
(U.M-SUMGX530-2)