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Eizo EV2740X

Eizo EV2740X-WT 27-inch 4K UHD USB-C Docking Monitor User Manual

Model: EV2740X-WT

1. Introduction

This manual provides essential information for the safe and efficient operation of your Eizo EV2740X-WT 27-inch 4K UHD USB-C Docking Monitor. The EV2740X-WT features 4K UHD resolution, USB-C docking with 94W Power Delivery, and a 163 dpi display for crisp visuals and text. It is designed for professional office and CAD applications, offering convenient connectivity and advanced display functions.

Key features include:

- **4K UHD Resolution:** 3840 x 2160 pixels for detailed imagery.
- **USB-C Docking:** Single cable connection for power, video, audio, USB data, and network.
- **94W Power Delivery:** Charges connected notebooks and devices.
- **KVM Switch Functionality:** Operate two computers with a single keyboard and mouse via USB upstream ports.
- **Picture-by-Picture (PBP):** Display two signal sources simultaneously.

Figure 1.1: Front view of the Eizo EV2740X-WT monitor, highlighting USB-C Docking, LAN Port, and 4K UHD features.

2. Safety Information

Please read and follow these safety precautions to prevent damage to the product and ensure your safety.

- Do not expose the monitor to rain or moisture to avoid fire or electric shock.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Ensure proper ventilation. Do not block ventilation openings.
- Use only the power cord supplied with the monitor or an approved replacement.
- Place the monitor on a stable, level surface to prevent it from falling.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.

3. Package Contents

Verify that all items are present in the package:

- Eizo EV2740X-WT Monitor
- Power Cord
- USB-C Cable
- HDMI Cable
- DisplayPort Cable
- Setup Guide / Documentation

4. Setup

4.1. Stand Assembly

Carefully remove the monitor and stand components from the packaging. Attach the stand base to the stand column, then secure the assembled stand to the back of the monitor until it clicks into place. Ensure all connections are firm.

Figure 4.1: Rear view of the monitor showing the attached stand and cable management features.

4.2. Connecting Cables

Connect the necessary cables to the corresponding ports on the back of the monitor and your computer.

1. **Power:** Connect the power cord to the monitor's AC input and then to a power outlet.
2. **USB-C (Recommended):** For video, audio, USB data, network, and power delivery (up to 94W), connect the supplied USB-C cable from your computer's USB-C port to the monitor's USB-C port.
3. **HDMI:** Connect an HDMI cable from your computer's HDMI output to one of the monitor's HDMI ports.
4. **DisplayPort:** Connect a DisplayPort cable from your computer's DisplayPort output to the monitor's DisplayPort.
5. **USB Upstream (for KVM):** If using the KVM switch feature, connect the USB-C cable (which also carries USB data) or a separate USB-B to USB-A cable (not included) from your second computer to one of the monitor's USB upstream ports.
6. **LAN:** If using the network passthrough feature via USB-C, ensure your monitor is connected to your network router

via an Ethernet cable.

Figure 4.2: Detailed view of the monitor's rear input ports, including HDMI, DisplayPort, USB-C, and USB-A ports.

4.3. Initial Power On

After connecting all cables, press the power button located on the front bottom bezel of the monitor. The power indicator will illuminate, and the Eizo logo will appear, followed by your computer's display.

5. Operating Instructions

5.1. Power On/Off

Press the power button (usually indicated by a power symbol) on the front bezel to turn the monitor on or off.

5.2. On-Screen Display (OSD) Navigation

The monitor features touch-sensitive buttons on the front bezel for OSD navigation. Press any OSD button to bring up the menu, then use the directional buttons to navigate and the 'Enter' button to select options. Common settings include brightness, contrast, color modes, and input selection.

5.3. Input Selection

To switch between connected input sources (USB-C, HDMI 1, HDMI 2, DisplayPort), access the OSD menu and navigate to the 'Input' section. Select your desired input source.

5.4. USB-C Docking Features

When connected via USB-C, the monitor acts as a docking station. It provides video output, charges your connected device (up to 94W), and allows connected USB peripherals (keyboard, mouse, external drives) to communicate with your computer. The integrated LAN port also provides network connectivity to your computer via the USB-C cable.

5.5. KVM Switch Functionality

The EV2740X-WT includes two USB upstream ports, enabling KVM (Keyboard, Video, Mouse) switch functionality. If you have two computers connected to the monitor (e.g., one via USB-C and another via HDMI/DisplayPort with a separate USB upstream connection), you can switch control of a single keyboard and mouse between both computers through the monitor's OSD settings.

5.6. Picture-by-Picture (PBP)

The PBP function allows you to display content from two different input sources simultaneously on the screen. Access this feature through the OSD menu to configure the layout and select the desired input combinations.

6. Maintenance

6.1. Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen. For the casing, use a soft, dry cloth.

6.2. Storage

When storing the monitor for an extended period, disconnect all cables and pack it in its original packaging if possible. Store in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your Eizo EV2740X-WT monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Input source not selected; Video cable loose or faulty.	Check power connection; Select correct input source via OSD; Reconnect video cable or try a different cable.
Image is blurry or distorted	Incorrect resolution; Cable issue.	Set display resolution to 3840 x 2160; Ensure video cable is securely connected.

Problem	Possible Cause	Solution
USB devices not working via monitor	USB-C cable not fully functional; USB upstream cable not connected.	Ensure USB-C cable supports data transfer; Connect USB upstream cable from computer to monitor.
No network connection via USB-C	Ethernet cable not connected to monitor; Driver issue on computer.	Connect Ethernet cable to monitor; Check network adapter drivers on your computer.

If the problem persists, consult the Eizo support website or contact customer service.

8. Specifications

Detailed technical specifications for the Eizo EV2740X-WT monitor:

Feature	Specification
Display Diagonal	68.6 cm (27")
Display Resolution	3840 x 2160 pixels (4K Ultra HD)
Native Aspect Ratio	16:9
Panel Type	IPS
Response Time	5 ms
Maximum Refresh Rate	60 Hz
Display Number of Colours	16.7 million colours
Display Brightness (typical)	350 cd/m²
Anti-glare Screen	Yes
Viewing Angle (Horizontal)	178°
Viewing Angle (Vertical)	178°
Product Dimensions (W x D x H)	9.85 x 24.08 x 14.6 inches (with stand)
Item Weight	18.04 pounds
Total USB Ports	4 (USB-C x1, USB-A downstream x3)
Video Inputs	HDMI x2, DisplayPort x1, USB-C x1
Screen Surface Description	Glossy

9. Warranty and Support

Eizo products are designed for reliability and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Eizo website.

For technical support, driver downloads, or further assistance, please visit the Eizo support section on their official website or contact their customer service department.

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