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BENFEI 000106black-3f

BENFEI DisplayPort to VGA 3 Feet Cable User Manual

Model: 000106black-3f

1. Introduction

This manual provides essential instructions for the proper use, setup, and maintenance of your BENFEI DisplayPort to VGA 3 Feet Cable. This cable is designed to connect a DisplayPort-enabled source device to a VGA-enabled display device. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

2. Safety Information

- Keep the cable away from water, fire, and corrosive substances.
- Avoid bending the cable excessively or applying undue force to the connectors.
- Do not attempt to disassemble or modify the cable. This will void the warranty.
- Ensure connectors are properly aligned before insertion to prevent damage to ports.

3. Package Contents

The package contains the following item:

- 1 x BENFEI DisplayPort to VGA 3 Feet Cable (Model: 000106black-3f)

4. Product Overview

The BENFEI DisplayPort to VGA cable provides a reliable solution for connecting DisplayPort-equipped computers to VGA monitors or projectors. It supports high-definition resolutions and features durable construction.

Image 1: BENFEI DisplayPort to VGA 3 Feet Cable. This image shows both the DisplayPort connector and the VGA connector of the cable.

Key Features:

- **Uni-Directional Conversion:** Converts signals from DisplayPort (source) to VGA (display). It is not bi-directional and cannot transmit signals from VGA to DisplayPort.
- **High Resolution Support:** Supports resolutions up to 1920x1080@60Hz (1080p Full HD), including 720p, 1600x1200, and 1280x1024.
- **Gold-Plated Connectors:** Gold-plated DisplayPort and VGA connectors resist corrosion, reduce signal loss, and improve transmission performance.
- **Secure Connection:** The DisplayPort connector features latches for a secure connection. Press the release button on the DisplayPort connector before unplugging.
- **Integrated IC Chip:** Built-in advanced IC chip ensures stable and reliable signal conversion.

Image 2: Detailed view of the cable's construction, highlighting the 24K gold-plated connectors, upgraded smart chip solution, and 32 AWG durable cable.

5. Setup Instructions

Follow these steps to connect your DisplayPort source device to a VGA display:

1. **Identify Ports:** Locate the DisplayPort output on your computer (laptop, desktop PC, graphics card) and the VGA input on your monitor, projector, or TV.
2. **Connect DisplayPort:** Insert the DisplayPort end of the cable into the DisplayPort output on your source device. Ensure it clicks securely into place.
3. **Connect VGA:** Insert the VGA end of the cable into the VGA input on your display device. Tighten the screws on the VGA connector if available, for a secure fit.
4. **Power On Devices:** Turn on your computer and your display device.
5. **Configure Display Settings:** Your computer should automatically detect the connected display. If not, you may need to manually configure display settings in your operating system (e.g., Windows Display Settings, macOS System Preferences).

Image 3: Diagram illustrating the uni-directional connection from a DisplayPort host device to a VGA target screen. It explicitly shows that the connection is only from DisplayPort to VGA, not the reverse, and that it is not compatible with USB, DVI, HDMI, or Mini DP ports.

Image 4: Examples of compatible host devices (laptop, desktop PC, graphics card) and target devices (projector, TV, display) for the DisplayPort to VGA cable.

6. Operating Instructions

Once connected, you can configure your display to operate in either Mirror Mode or Extended Mode, depending on your needs.

Display Modes:

- **Mirror Mode:** Duplicates your computer's screen onto the VGA display. This is useful for presentations or sharing content.
- **Extended Mode:** Extends your computer's desktop across both screens, allowing for more workspace. This is ideal for multitasking.

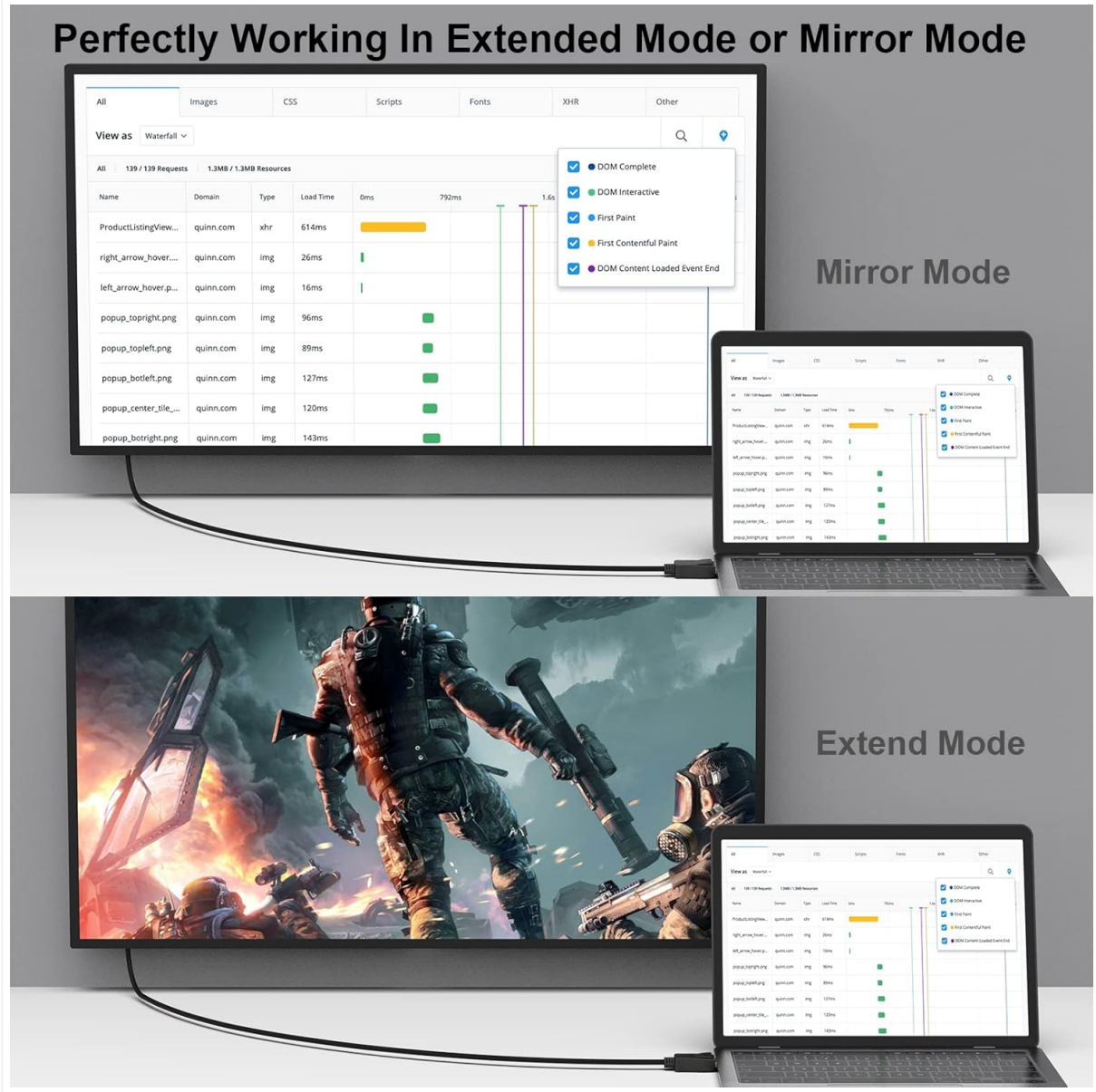

Image 5: Illustration of Mirror Mode, where the external display duplicates the laptop screen, and Extended Mode, where the external display expands the desktop workspace.

Configuring Display Settings:

Access your operating system's display settings to switch between modes or adjust resolution:

- **Windows:** Right-click on the desktop, select "Display settings" or "Screen resolution."
- **macOS:** Go to Apple menu > System Settings (or System Preferences) > Displays.

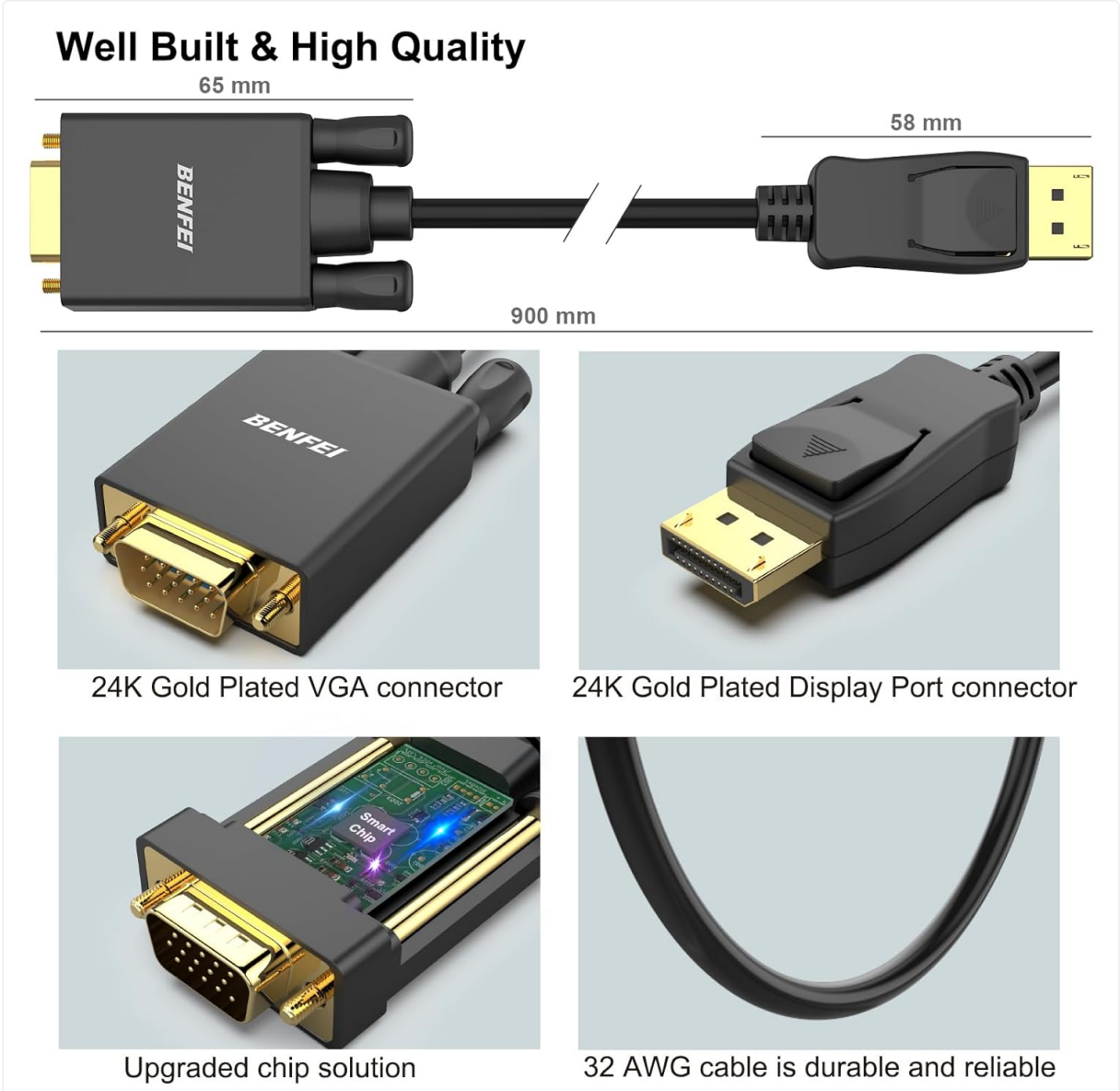

Image 6: A display showing a high-definition image, demonstrating the 1080p@60Hz resolution capability of the cable.

7. Maintenance

Proper care ensures the longevity of your cable:

- **Cleaning:** Use a soft, dry cloth to wipe the cable and connectors. Avoid liquid cleaners.
- **Storage:** Store the cable in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tight coiling or kinking.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable, not the cable itself.

8. Troubleshooting

If you encounter issues, refer to the following common solutions:

- **No Signal / Blank Screen:**
  - Ensure both DisplayPort and VGA connectors are fully and securely inserted.
  - Verify that the cable is connected from a DisplayPort **source** to a VGA **display**. This cable is uni-directional.
  - Check if your display is set to the correct input source (e.g., VGA 1, PC input).

- Restart your computer and display device.
- Test the cable with another DisplayPort source or VGA display if possible to isolate the issue.

- **Poor Picture Quality / Incorrect Resolution:**
  - Ensure your computer's display settings are configured for the optimal resolution supported by your VGA monitor (up to 1920x1080@60Hz).
  - Check for any loose connections.

- **DisplayPort Connector Not Releasing:**
  - The DisplayPort connector has latches for a secure fit. Always press the release button on the DisplayPort connector before attempting to unplug it.

9. Specifications

Brand	BENFEI
Model Number	000106black-3f
Product Dimensions	0.39 x 0.39 x 0.39 inches; 3.17 ounces
Cable Type	DisplayPort to VGA
Connector Type	DisplayPort Male, VGA Male
Max Resolution	1920x1080@60Hz (1080p Full HD)
Special Feature	Tangle Free, Gold-Plated Connectors, Built-in IC Chip
Compatible Devices	Monitor, Projector (with VGA input)

10. Warranty and Support

BENFEI provides an exclusive unconditional **18-month warranty** for this product, ensuring long-term protection for your purchase.
For any questions, technical assistance, or warranty claims, please contact BENFEI customer service. Refer to the product packaging or the official BENFEI website for the most current contact information.

Related Documents - 000106black-3f

	BENFEI USB to VGA Adapter User Manual User manual for the BENFEI USB 3.0 to VGA Adapter, detailing its features, specifications, connection, and troubleshooting.
	BENFEI USB 3.0 to VGA Adapter User Manual and Guide Comprehensive user manual for the BENFEI USB 3.0 to VGA Adapter, detailing installation, connection, specifications, and troubleshooting for connecting USB 3.0 enabled devices to VGA displays. Learn about OS compatibility and common issues.

	BENFEI USB C to DisplayPort Cable Troubleshooting Guide A troubleshooting manual for the BENFEI USB C to DisplayPort Cable, covering compatibility, signal issues, and resolution settings.
	Troubleshooting Guide for BENFEI Gigabit Ethernet Adapter Step-by-step troubleshooting guide for the BENFEI USB 3.0 to RJ45 Gigabit LAN Adapter, covering driver installation and network connectivity issues for various operating systems.
	BENFEI USB 3.0 to HDMI Adapter User Manual User manual for the BENFEI USB 3.0 to HDMI Adapter, detailing its features, specifications, how to use it, and troubleshooting tips. Supports Windows operating systems.
	BENFEI Laptop KVM Stand with Wireless Charger | User Manual & Specifications Detailed user manual for the BENFEI Laptop KVM Stand with Wireless Charger (Model 000366grey). Covers product features, specifications, connection diagrams, setup instructions, and FCC compliance information.