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HP 6Y2V4AA

HP Engage 2D G2 Barcode Scanner User Manual

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your HP Engage 2D G2 Barcode Scanner. Please read these instructions carefully before using the device to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The HP Engage 2D G2 Barcode Scanner is designed for efficient and accurate data capture in various business environments. It supports both 1D and 2D barcode formats, utilizing an advanced imager for reliable scanning. Its USB connectivity ensures direct integration with workstations and notebooks.

Key features include:

- Rapid integration of 1D and 2D barcode information into records, spreadsheets, and databases.
- Imager technology allows for scanning 1D and 2D barcodes regardless of angle orientation.
- Optimized for applications requiring direct association with a workstation or notebook.



Figure 2.1: The HP Engage 2D G2 Barcode Scanner in its ebony black finish, positioned on its stand. The scanner features an ergonomic handle and an integrated USB cable for connectivity.

3. SETUP

Follow these steps to set up your HP Engage 2D G2 Barcode Scanner:

1. **Unpack the Scanner:** Carefully remove the scanner and its components from the packaging.
2. **Connect the USB Cable:** Insert the USB connector of the scanner's cable into an available USB port on your host device (e.g., PC or notebook).
3. **Driver Installation:** The scanner is typically plug-and-play and will be recognized automatically by most operating systems as a Human Interface Device (HID). If prompted, allow the system to install any necessary drivers. No manual driver installation is usually required.
4. **Position the Scanner:** Place the scanner on a stable surface, utilizing its stand for optimal positioning during operation.
5. **Test Connectivity:** Open a text editor or a compatible application on your host device. Scan a test barcode to confirm that the scanner is transmitting data correctly.

4. OPERATING INSTRUCTIONS

To operate the HP Engage 2D G2 Barcode Scanner:

1. **Power On:** The scanner powers on automatically when connected to a powered USB port.
2. **Aim and Scan:** Point the scanner's window at the barcode you wish to read. Ensure the entire barcode

is within the scanning area.

3. **Distance:** Hold the scanner at an appropriate distance from the barcode. The optimal scanning distance can vary based on barcode size and type.
4. **Confirmation:** Upon a successful scan, the scanner will typically emit an audible beep and/or an LED indicator will illuminate. The scanned data will appear in the active application on your host device.
5. **1D and 2D Barcodes:** The imager is capable of reading both linear (1D) and matrix (2D) barcodes, including QR codes and Data Matrix codes.
6. **Angle Flexibility:** The imager's design allows for scanning barcodes from various angles, reducing the need for precise alignment.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your scanner:

- **Cleaning the Scanner Window:** Regularly clean the scanner's optical window with a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Wipe the exterior of the scanner with a soft, dry cloth.
- **Cable Inspection:** Periodically check the USB cable for any signs of damage, such as fraying or kinks. Replace if necessary.
- **Storage:** When not in use, store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

If you encounter issues with your scanner, refer to the following troubleshooting tips:

- **Scanner Not Responding:**
 - Ensure the USB cable is securely connected to both the scanner and the host device.
 - Try connecting the scanner to a different USB port on your host device.
 - Restart your host device.
- **Barcode Not Scanning:**
 - Verify that the barcode is clean, undamaged, and clearly printed.
 - Adjust the distance and angle between the scanner and the barcode.
 - Ensure the scanner's optical window is clean and free from obstructions.
 - Confirm that the barcode type is supported by the scanner (1D and 2D are supported).
- **No Data Transmission to Application:**
 - Ensure the target application (e.g., text editor, POS software) is open and has focus.
 - Check the application's settings to ensure it is configured to receive input from a keyboard wedge device (which is how most USB scanners operate).

If problems persist, consult the HP support website or contact HP customer service for further assistance.

7. SPECIFICATIONS

Model Number	6Y2V4AA
Product Dimensions	1.3"D x 1.7"W x 6.3"H (3.3 cm D x 4.3 cm W x 16 cm H)
Item Weight	4.6 ounces (130 grams)
Connectivity Technology	USB Cable
Compatible Devices	PC
Power Source	Corded Electric (via USB)
IP Rating	IP42

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty documentation included with your purchase or visit the official HP support website. HP provides various support resources, including drivers, troubleshooting guides, and contact information for technical assistance.

HP Support Website: www.hp.com/support