



USER MANUAL

Elo Touch Solutions 2D Barcode Scanner Peripheral



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Section 1: Introduction

Product Description

The Elo 2D Barcode reader kit is an optional attachment for Elo monitors, Android All-in-one computers, and Windows All-in-one computers. The device is USB based and capable of reading most common types of barcodes. The reader is configurable to work with most applications.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user manual to maximize the life of your unit and prevent risks to user safety. See Section 6 for more information on safety.

This manual contains information that is important for the proper setup of the scanner. Before setting up and powering on your new scanner, read through this manual, especially the Installation, configuration, and Operation chapters.

Section 2: Installation

Unpacking the 2D Barcode Scanner

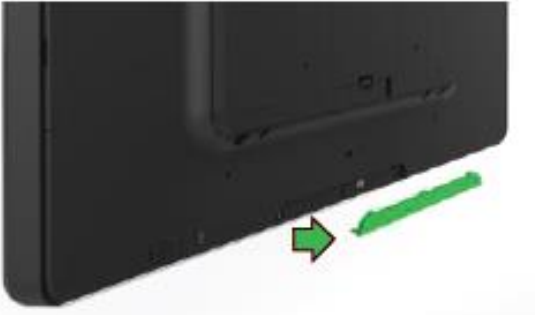
Verify that the box contains:

- 2D Barcode scanner attachment
- Quick Install Guide
- 2 mounting screws
- 2 screw covers

Attaching the Barcode Reader



Select the location to mount the bar code scanner. Elo recommends the lower location in either portrait or landscape orientation.



Remove the selected peripheral cover from the touchmonitor



Gently insert the bar code scanner into the peripheral bay taking care to ensure the connector mates properly.

Installing the Touch Technology Software Drivers

For use with Windows Systems:

Visit the N3680 product page on the Honeywell Scanning and Mobility website to download and install

- EZConfig for Scanning (Version 4.5.20) and
- Honeywell Scanning and Mobility USB Serial Driver

For use with Android systems:

The Elo Barcode Scanner is ready to use in its default mode. The scanner default mode is:

- USB virtual com port interface
- Presentation mode (always on)
- Beep on scan
- Set up to read most common codes.

Section 3: Configuration

Out-of-box Settings

Out of the box the default settings of the barcode reader will be:

- USB VCP (Virtual COM Port)
- Presentation Mode
 - o Illumination always on
 - o Red aimer will turn off between reads
- Most common barcodes enabled
- Beep on successful scan

If you are okay with the default settings you may begin using the 2D scanner. If you prefer different settings, this section will cover additional configurations that can be tailored to your application. Only the most common settings will be covered in this manual. For additional settings, please download the N3680 User Guide from the Honeywell website

Reader Interface

VCP Mode (Virtual COM Port)



This is the default setting for the scanner out of the box. It is required to change to this interface when using the Honeywell EZConfig software for Windows.

USB Keyboard Mode



USB HID Mode



Illumination Settings



This is the default setting for the scanner. The white illumination light on at all times.



Scanning this barcode will disable the white illumination light when the scanner is not in use.

Trigger Mode Settings

Out of the box the default of the scanner will be presentation mode (always on). The reader will be scanning for barcodes at all times.

Manual Trigger mode:



Scanning the above barcode will enable manual trigger mode. When in this mode, the scanner will need to be activated manually (by software or hardware button) between each scan.

Presentation Mode (default setting)



Audio Settings

Out of the box the scanner will be configured to beep on each successful scan of a barcode. This beep can be enabled or disabled based on your preference.

Beep Disable



Scanning the above barcode will disable the beeper when a barcode is successfully scanned.

Beep Enable



Scanning the above barcode will enable the beeper when a barcode is successfully scanned.

Keyboard Country Settings

Out of the box the scanner will be configured as US English keyboard

US Keyboard (by default)



Belguim Keyboard



French Canadian



Czech



France



Italy



KBDCTY5.

Japan



KBDCTY28.

United Kingdom



KBDCTY7.

Additional Configurations

Mobile Phone Optimization

Out of the box the scanner will be optimized to read printed barcodes. If the primary application for your scanner will be reading barcodes from mobile devices, the reader can be configured for this purpose.



PAPPSC.

Reread Delay

If your application requires sometimes rereading of the same barcode, your scanner can be adjusted to allow this. The reader is configured to have a delay between each read of the same barcode to prevent multiple scans of the same item. Use a shorter delay when repetitive barcode scanning is required.

500ms (short delay)



DLYRRD500.

750ms (medium delay)



DLYRRD750.

1 second (Long delay)



DLYRRD1000.

2 seconds (extra-long delay)



DLYRRD2000.

Section 4: Technical Support

Technical Assistance

Technical Specifications
visit www.elotouch.com/products
for technical specifications for this device

Online Self-Help
visit www.elotouch.com/go/websupport
for online self-help

Technical Support
visit www.elotouch.com/go/contactsupport
for technical support

See this user manual's last page for worldwide technical support phone numbers.

Section 5: Safety

Waste Electrical & Electronic Equipment Directive (WEEE)



This product should not be disposed of with household waste. It should be deposited at a facility that enables recovery and recycling.



Elo has put in place recycling arrangements in certain parts of the world. For information on how you can access these arrangements, please visit www.elotouch.com/e-waste-recycling-program/.

Section 6: Regulatory Information

Electrical Safety Information

Compliance is required with respect to the voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified herein will likely result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.

There are no operator serviceable parts inside this equipment. There are hazardous voltages generated by this equipment which constitute a safety hazard. Service should be provided only by a qualified service technician.

Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment to mains power.

Emissions and Immunity Information

Notice to Users in the United States: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Notice to Users in Canada: This equipment complies with the Class A limits for radio noise emissions from digital apparatus as established by the Radio Interference Regulations of Industrial Canada.

Notice to Users in the European Union: Use only the provided power cords and interconnecting cabling provided with the equipment. Substitution of provided cords and cabling may compromise electrical safety or CE Mark Certification for emissions or immunity as required by the following standards:

This Information Technology Equipment (ITE) is required to have a CE Mark on the Manufacturer's label which means that the equipment has been tested to the following Directives and Standards: This equipment has been tested to the requirements for the CE Mark as required by EMC Directive 2014/30/ EU as indicated in European Standard EN 55032 Class A and the Low Voltage Directive 2014/35/EU as indicated in European Standard EN 60950-1.

General Information to all Users: This equipment generates, uses and can radiate radio frequency energy. If not

installed and used according to this manual the equipment may cause interference with radio and television communications. There is, however, no guarantee that interference will not occur in any particular installation due to site-specific factors.

1. In order to meet emission and immunity requirements, the user must observe the following:
 - a. Use only the provided I/O cables to connect this digital device with any computer.
 - b. To ensure compliance, use only the provided manufacturer's approved line cord.
 - c. The user is cautioned that changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. If this equipment appears to cause interference with radio or television reception, or any other device:
 - a. Verify as an emission source by turning the equipment off and on. If you determine that this equipment is causing the interference, try to correct the interference by using one or more of the following measures:
 - i. Move the digital device away from the affected receiver.
 - ii. Reposition (turn) the digital device with respect to the affected receiver.
 - iii. Reorient the affected receiver's antenna.
 - iv. Plug the digital device into a different AC outlet so the digital device and the receiver are on different branch circuits.
 - v. Disconnect and remove any I/O cables that the digital device does not use.
(Unterminated I/O cables are a potential source of high RF emission levels.)
 - vi. Plug the digital device into only a grounded outlet receptacle. Do not use AC adapter plugs. (Removing or cutting the line cord ground may increase RF emission levels and may also present a lethal shock hazard to the user.)

If you need additional help, consult your dealer, manufacturer, or an experienced radio or television technician.

Agency Certifications

The following certifications and marks have been issued or declared for this peripheral:

- CE

Explanation of Markings

In accordance with the SJ/T11364 requirement, electrical and electronic products are marked with the following pollution control logo.

The Environment-Friendly Use Period for this product is 10 years. The product will not leak or mutate under normal operating conditions listed below, so that the use of this electronic information product will not result in any severe environmental pollution, any bodily injury, or damage to any assets.



Operating Temperature: See chart below

Storage Temperature: See chart below

It is encouraged and recommended that product packaging be recycled and reused according to local laws.



Power Specifications

Electrical Ratings

Input	5VDC
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Operating Conditions

Temperature	0°C - 40°C
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Humidity	20% to 80% (non-condensing)
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Storage Conditions

Temperature	-20°C - 50°C
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Humidity	10% to 95% (non-condensing)
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Section 7: Warranty Information

For warranty information, go to <http://support.elotouch.com/warranty/>

Notes

www.elotouch.com

Visit our website for the latest

- Product Information
- Specifications
- Upcoming Events
- Press Releases
- Software Drivers

To find out more about our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

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