

Device Inspection Guide

Overview and Form Factor

DynaProx and DynaProx BCR (barcode reader) deliver the next generation in touchless payment acceptance. Both models come standard with contactless EMV and near field communication (NFC) technology for original equipment manufacturers (OEM), merchants, banks, and other developers looking to build a secure payment solution that accepts contactless EMV and NFC payments.

Top

The top is a smooth hard plastic.

Front

LEDs

There are four LED lights on the front face of DynaProx products. These provide signals to the user. See installation and operation manual for complete LED signaling.

Contactless Landing Zone

The contactless landing zone is a smooth front cover with no moving parts with the contactless symbol in the landing zone. Symbol orientation will vary dependent on installation.

DynaProx BCR Models ONLY

The barcode reader camera on BCR models has a silk screened QR Code icon surrounding the camera lens with a directional arrow on the side. The barcode reader is below the contactless symbol. Mark orientation will vary dependent on installation.

Sides

The right and left sides are smooth hard plastic.

Form Factor

Check the overall form factor for signs of attempted entry. DynaProx products are made from molded black plastic with a matching black lens on the face. The contactless landing zone is a smooth front cover with no moving parts, with the contactless symbol in the landing zone. The surrounding case of DynaProx products is smooth and has no extraneous wires, electronics, cables, or adhesives.

	DynaProx	DynaProx BCR
Dimensions	2.2 x 2.2 x 0.5 in (55.88 x 55.88 x 12.7 mm)	2.2 x 2.2 x 0.5 in (55.88 x 55.88 x 12.7 mm)
Weight	~ 64 grams	~ 64 grams

Back

Carefully inspect the form factor. Ensure there are no additional electronics, wires, or forms added to the device. The underside of DynaProx and DynaProx BCR are the same. The underside of the device is a smooth form factor with 4 threaded screw holes, a USB-C receptacle, RS-232 receptacle, speaker, and product label.

Product Label

The product label is located on the underside of the device. The Serial Number, Rev, Date, Part number (PN), Hardware PN (HW), FCC ID and IC numbers are printed on the product label. Compare the hardware ID on the PCI website to confirm it is valid.

Mounting Insets

There are four (4) threaded inset receptacles on the underside of the device.

USB-C Cable

USB-C connection is on the underside of the device. The device uses a USB-C cable to power and communicate. Ensure the cable is connected directly to the correct host USB port. Ensure there are no extraneous cables.

RS-232

RS-232 connection is on the back of the device. Ensure the cable is connected directly to the correct host port if used.

Certificate Logos

Certification logos and patent information are imprinted in the plastic form factor.



Quick Inspection

As part of your inspection, include the following in the device inspection:

- Be certain to have a list of the devices and include the details listed on the product label.
- It may be helpful to take photos of the front, back, and side of each device.

Be certain to check device part numbers, serial numbers and IDs and check physical connections. Use the chart below as a checklist to inspect the device for signs of tampering.

Are there signs of tampering:	Signs of tampering	
	YES	NO
Site Inspection		
Form Factor - check overall form factor		
Front		
Contactless Landing Zone		
Barcode reader (BCR only)		
Sides		
Form Factor		
Right, Left, Top, Bottom edges		
Cables		
USB-C cable (if applicable)		
RS-232 (if applicable)		
Underside		
Certificate Logos (imprinted)		
Form Factor		
Cable Connection		
Mounting screw insets		
Labels		

If there is forced entry, the security switches built into the electronics will be tripped. If they are tripped the sensitive data such as encryption keys and certificates are cleared as part of security measures mandated by PCI and the device will not be available to make transactions.

NOTICE: If the security switches have been tripped, DynaProx and DynaProx BCR cannot be repaired in the field and must go back to the factory for repair. Follow RMA procedures. User must report all signs of tampering as per standard protocol.

Certifications and Validation

PCI DEVICE VALIDATION

To check for PCI Validation check the Hardware and Firmware ID. Hardware ID is printed on the label. The Firmware ID is accessible via the device and displayed on the screen. Go to the PCI compliance web page and search for MagTek, and find the product name, DynaProx.

Compare the Hardware ID and Firmware ID:

https://www.pcisecuritystandards.org/assessors_and_solutions/pin_transaction_devices

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EU STATEMENT

Hereby, MagTek Inc. declares that the radio equipment types Wideband Transmission System (802.11 wireless and Bluetooth Low Energy), and Non-Specific Short Range Device (contactless) are in compliance with Directive 2014/53/EU. The full text of the EU declarations of conformity is available at the following internet address:

<https://www.magtek.com/Content/DocumentationFiles/D998200505.pdf>

UKCA STANDARDS

Hereby, MagTek Inc. declares that the radio equipment types Wideband Transmission System (Wireless LAN and Bluetooth Low Energy), and Non-Specific Short Range Device (contactless) are in compliance with Radio Equipment Regulations 2017 Directive S.I.2017:1206. The full text of the UKCA declarations of conformity is available at the following Internet addresses:

<https://www.magtek.com/Content/DocumentationFiles/D998200506.pdf>

