

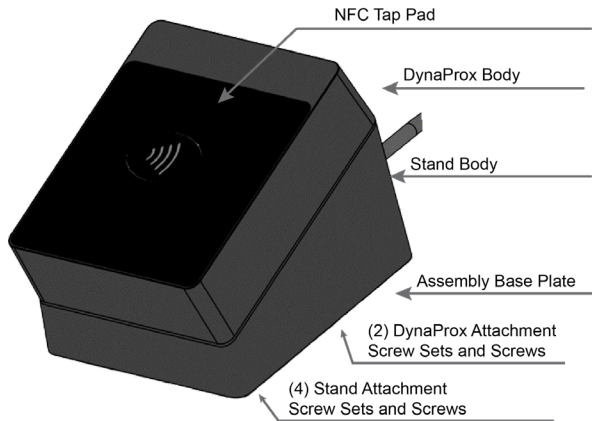
Device Inspection

Assembled Inspection

Overview

DynaProx and DynaProx BCR in stand (referred to as “**Device**” hereafter) deliver the next generation in contactless EMV and near field communication (NFC) technology and can be purchased with a countertop, angled stand for stable acceptance at the counter top. The purpose of this document is to perform a device inspection and understand how to access the isolated reader.

Major Components



DynaProx (shown here) Major Components - Assembled to Stand

Form Factor Stand Body

The body of the stand is angled for better ergonomics. Check the overall form factor for signs of attempted entry. Made from molded black plastic with matching black lens on the face. The form factor is hard plastic. The seam between the top and underside shell is clearly defined with a tight fit. There are no additional electronics or wires. Any breaks in the plastic, scuffs, or damage could be signs of physical tampering and should be reported.

Front and Top of Device

The front side and top of the reader are smooth with no extraneous wires. There is clear definition with a tight fit between the reader and the stand.



DynaProx BCR Top and Front



DynaProx Top and Front

LEDs

Four LEDs above the contactless landing zone provide signals to the user. See installation and operation manual for complete LED signaling: <https://www.magtek.com/content/documentationfiles/d998200490.pdf>

Contactless Landing Zone

The contactless zone is on the top of the device. BCR models have a lens for the barcode camera.

DynaProx BCR Models ONLY

Barcode (BCR) models have a camera and QR Code icon on the top.

DynaProx Only Models

Models without barcode reader are identical, but do not have a camera lens nor QR code printed on the top.

	DynaProx and DynaProx BCR	DynaProx and DynaProx BCR in Stand
Dimensions	2.09 in. x 2.52 in. x .72 in. (53mm x 64mm x 18.5mm)	2.17 x 2.64 x 2.09" (55 x 67 x 53mm)
Weight	DynaProx = 2.0 oz. (56g) DynaProx BCR = 2.0 oz. (58g)	DynaProx: 6.7 oz. (190g) DynaProx BCR: 6.8 oz. (192g)

Look for any added components, size, or weight. Check for signs of cutting, tapping, and bending.

Right and Left Side

The sides are smooth with clear definition between the reader and the stand with no extraneous wires other than the USB wire that comes out of the back of the reader.



Device Right Side



Device Left Side

Device and Stand back

Cable Channel: Allows the cable to be channeled out the back of the stand body.



Device Back Side

Bottom of Device

Bottom PN 1000008309

Soft elastomer bottom cover over steel ballast weight is on the bottom of the device stand.

There are 4 screw insets.

- Two (2) screws attach the baseplate to the stand.
- Two (2) insets are to attach the stand to a counter.

There is an EMC regulatory label with certification logos and certification ID numbers, MagTek logo, and name as depicted here.



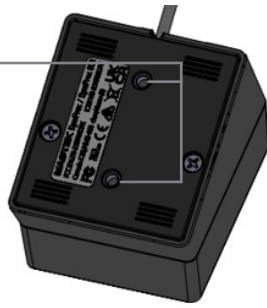
Device Bottom Side

Access Inspection - Views from Stand Bottom

Accessing the Reader

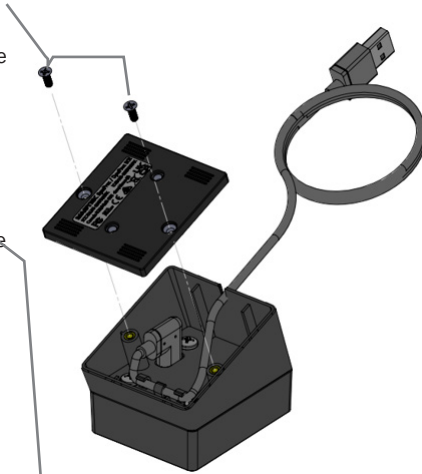
Remove from Counter

In order to access the reader from the device stand you may need to unscrew it from the counter. Unscrew the two screws attaching the baseplate of the stand to the counter.



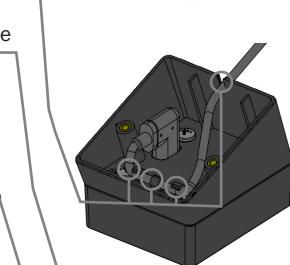
Remove Base Plate from the Stand

Unscrew the two set screws from the base plate.



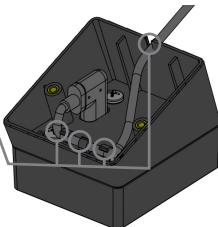
Remove USB-C Cable

Unplug the USB-C cable from the back of the device, release the cable from pinch fit opening, and remove from the integral cable hooks.



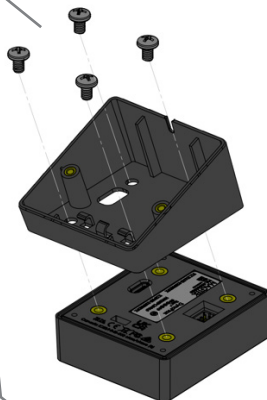
Remove 4 Set Screws

Unscrew the 4 screws that attach the stand to the reader.



Underside of Device

Form Factor: of DynaProx and DynaProx BCR are the same smooth form factor with 4 threaded screw holes, a USB-C receptacle, RS-232 receptacle, and product label.



Product Label: located on the underside of the device. The Serial Number, Rev, Date, Part number (PN), and Hardware PN (HW) are listed. Compare hardware ID to PCI website for validation.

USB-C Connection: Connected directly to the correct host USB port.

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

RS-232 Connection:

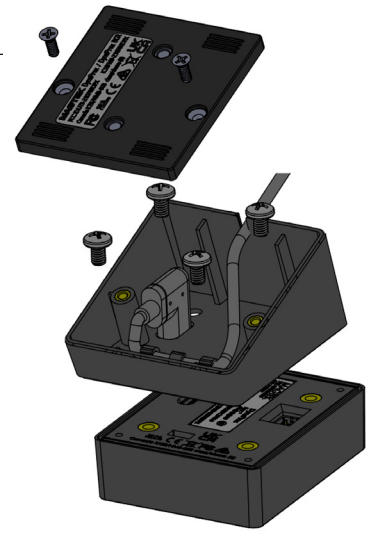
Ensure it is connected directly to the correct host port.



Full Assembly

Diagram shows assembly pieces.

- 2-set screws
- Base plate
- 4 mounting screws
- Angled stand and cable
- DynaProx product



Quick Inspection

Include the following for your device inspection audit:

- 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 top, 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:	
	YES	NO
Site Inspection		
Form Factor - check overall form factor		
Top		
Contactless Landing Zone		
LEDs		
Barcode Reader Camera		
Front, Left, and Right Sides		
Plastic Shell		
Form Factor		
Cables		
USB-C Cable		
Bottom and Back		
Form Factor		
Cable Connection		
Screw Sets		

User should report all signs of tampering as per standard protocol.

NOTICE:

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.

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 a host command and is displayed. Go to the PCI compliance web page and search for MagTek, and find the product name, DynaFlex. Compare the Hardware ID and Firmware ID:

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

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>

