

Device Inspection Guide  
Overview and Form Factor

**Overview**

DynaFlex, DynaFlex Pro (touchscreen model), DynaFlex BCR (barcode reader), and DynaFlex Pro BCR are secure card reader authenticators. DynaFlex Products delivers magstripe, EMV contact and EMV/NFC contactless reading capability. Models are available to suit most applications, offer various mounting and stability features, and deliver a smart solution in a small form factor.

**Back/Top**

The back of the device is smooth, with no extraneous wires or elements.

**Front Face**

**Barcode Reader**

BCR (barcode reading) devices have a camera lens that is surrounded by a barcode icon. In barcode reader models, a barcode reader is along the top of the reader.

**Chip Card Insertion Slot**

The card slot for the EMV Contact Chip reader is a smooth, unobstructed path. Other than the contact points that read the chip there are no electronics, mechanics, or wires in the path.

**LEDs**

There are four LED lights between the chip card insertion slot and the magnetic stripe swipe path. These provide signals to the user. See installation and operation manual for complete LED signaling.

**Swipe Path**

The swipe path is smooth. The only moving part is the spring-mounted read head that depresses into the device as the card's magnetic stripe makes contact with the read head. There are no mechanics, electronics, or wires in the path.

**Contactless Landing Zone (Pro)**

There is an all-in-one screen: touchscreen, contactless landing zone, and LCD display. The display is back-lit. Look for any signs of tampering or a false screen overlay. The screen is inset and measures 2.27in. (57.60mm) X 1.70 in. (43.20mm). The contactless landing zone is hidden behind the screen. User's fingertips capture signatures instead of a stylus.

**Contactless Landing Zone (Standard)**

The contactless landing zone is a smooth front cover with no moving parts and only the contactless symbol in the landing zone, the indicator mark orientation may vary.

**Form Factor**

Check the overall form factor for signs of attempted entry. Directional icons may be printed on your device. DynaFlex products are made from molded rubberized black plastic with matching black lens on the face. 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. Look for any added components, size, or weight.

	DynaFlex	DynaFlex Pro
Dimensions	4.0 x 3.5 x 1.9 in. (102 x 89.0x 48 mm)	4.1 x 3.5 x 1.9 in. (103.3x90.0x48.3mm)
Weight	USB: 7.1oz/202g Bluetooth: 8.7oz./247g	USB: 7.4oz/210g WLAN: 8.9 oz/252g



**Bottom**

Carefully inspect the form factor. Ensure there are no additional electronics, wires or forms added to the device. The underside and backside of DynaFlex and DynaFlex Pro are the same.

**Product Label**

The product label is located on the underside of the device. The Serial Number, Rev, Date, Part number (PN), MAC ID (MAC) and Hardware PN (HW) are listed as appropriate. Ensure the serial number listed on the back of the device matches the serial number on the display of the device during boot-up for Pro devices; compare the hardware ID to the PCI website confirm validity.

**Certificate Logos**

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

**USB-C Cable**

The device uses a USB-C cable with ferrite sleeve at each end to power and/or charge. Ensure there are no extraneous cables. USB-C connection is on the underside of the device. Ensure the cable is connected directly to the host.

**Pushbutton**

Tactile switch/button.

**FCC/IC Label**

The FCC/IC label lists the product model name, FCC ID and IC numbers.

**Charging**

There are four (4) charging contacts on the underside of the device.

**3 Rubberized Feet**

There are 3 rubberized feet on the underside of the device, these lay flat and are form fitted.

## Sides

The left and right sides are smooth plastic.

## Quick Inspection

As part of your 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 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.



## 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, DynaFlex.

Compare the Hardware ID and Firmware ID:

[https://www.pcisecuritystandards.org/assessors\\_and\\_solutions/pin\\_transaction\\_devices](https://www.pcisecuritystandards.org/assessors_and_solutions/pin_transaction_devices)

Are there signs of tampering:	Signs of tampering	
	YES	NO
<b>Site Inspection</b>		
Form Factor - check overall form factor		
<b>Front</b>		
Signature Capture (optional - no stylus included)		
Magnetic Stripe Swipe Path		
LCD Display and Contactless Landing Zone		
EMV Chip Card		
Barcode reader		
<b>Sides</b>		
Magnetic Stripe Swipe Path		
Rubberized Shell		
Form Factor		
<b>Cables and charging cradle</b>		
USB-C cable		
<b>Underside and Back</b>		
Certificate Logos (imprinted)		
Form Factor		
Cable Connection		
Pushbutton		
Charging contacts		
Labels		
<b>Tripped device</b>		
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.		

### FEATURES

Some features and functions may be documented, but not available with the current release of the product. Please contact your MagTek representative for questions about specific features and functions and when they are scheduled to become available.

### TRADEMARKS

EMV® is a registered trademark in the U.S. and other countries and an unregistered trademark elsewhere. The EMV trademark is owned by EMVCo, LLC. The Contactless Indicator mark, consisting of four graduating arcs, is a trademark owned by and used with permission of EMVCo, LLC.

### EU STATEMENT

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 Directive 2014/53/EU. The full text of the EU declarations of conformity is available at the following internet addresses:

- <https://www.magtek.com/Content/DocumentationFiles/D998200404.pdf> for DynaFlex with no display, USB connection
- <https://www.magtek.com/Content/DocumentationFiles/D998200411.pdf> for DynaFlex Pro with USB connection

### UKCA STATEMENT

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/D998200475.pdf> for DynaFlex with no display, USB connection
- <https://www.magtek.com/Content/DocumentationFiles/D998200477.pdf> for DynaFlex Pro with USB connection

## NOTICE:

If the security switches have been tripped, DynaFlex / Pro 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.

