

Device Inspection Guide

Overview and Form Factor

Overview

DynaFlex II products are secure card reader authenticators that deliver magstripe, EMV Contact Chip, EMV Contactless, NFC contactless, and barcode reading capability in select models. DynaFlex II provides a large contactless landing zone for a simplified user experience.

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 swipe path.

Contactless Landing Zone

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

Sides

The left and right sides are smooth plastic.

Form Factor

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

	DynaFlex II SCR	DynaFlex II SCR BCR
Dimensions	4.1 x 3.5 x 1.9 in. (103.3 x 95.1 x 48.5 mm)	4.1 x 3.7 x 1.9 in. (103.3 x 95.1 x 48.5 mm)
Weight	8.4 oz (238 g)	9.52 oz (241.5 g)

Bottom

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.

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 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 correct host USB port.

Pushbutton

There is a 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 with no extraneous cables or edges.



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.

Are there signs of tampering:	Signs of tampering	
Site Inspection	YES	NO
Form Factor - check overall form factor		
Front		
Tap landing pad		
Magnetic stripe swipe path		
EMV contact card slot		
Barcode reader (when applicable)		
Sides		
Magnetic stripe swipe path		
Rubberized shell		
Form factor		
Cables and charging cradle		
USB-C cable		
Underside and Back		
Certificate logos imprinted		
Form factor		
Cable connection		
Pushbutton		
Charging contacts		
Labels		
Tripped device		
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, DynaFlex II PED products 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, DynaFlex II.

Compare the Hardware ID and Firmware ID:

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

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/D998200573.pdf>

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.1.2017:1206. The full text of the UKCA declarations of conformity is available at the following internet addresses:

- <https://www.magtek.com/Content/DocumentationFiles/D998200573.pdf>

