

Quick Installation Guide

Setup and Installation

Overview

DynaFlex II Go and DynaFlex II Go BCR deliver the next generation of mobile payment solutions, both models are PCI PTS 6.x. This document provides an abbreviated version of the *Installation and Operation Manual, PN D998200595* hosted on www.magtek.com. These secure card reader authenticator devices accept magnetic stripe cards; EMV chip cards (contact and contactless); NFC enabled mobile wallets including Apple® Pay, Samsung™ Pay, Google Pay™, with support for Google Smart Tap and Apple VAS protocols, and MIFARE® Classic, MIFARE® DESFire, and NTag. DynaFlex II Go BCR additionally has an integrated barcode reader. Ideal for cafés, restaurants, boutiques, airlines, retail banks, and other developers looking to build a secure payment solution that accepts swipe, tap, and dip technology.

Major Components



DynaFlex II Go Major Components
Top Face

Environmental Notice

| | |
|-----------------------|-------------------------------|
| Storage temperature | -4°F to 113°F (-20°C to 45°C) |
| Operating temperature | 32°F to 95°F (0°C to 35°C) |

Mounting / Stability

DynaFlex II Go products are designed to provide flexible mounting options. The device can be mounted to the host via an external clip or the embedded lanyard. When designing an enclosure or mounting bracket, ensure there is adequate clearance for cardholders to tap, swipe, dip, and for users to present a bar code. Proximity to metal can reduce the device's reading range. DynaFlex II Go offers an optional OtterBox uniVERSE clip adapter and a countertop stand.

Connection

DynaFlex II Go is available with USB-C or USB-C and Bluetooth LE connection. Check your model number for connection configuration.

How to Connect to a Host Computer via USB-C

For best results, use the cable that is included with the device. Connect the cable to the device. Connect the other end to the HOST USB port. Device will automatically power on. Windows will start an installation of the driver on initial connection. Windows will report DEVICE IS READY and device shows in Windows Device Manager under HUMAN INTERFACE DEVICES as two devices HID-COMPLIANT VENDOR-DEFINED (VID 0801, PID 2024) and USB INPUT DEVICES.

How to Connect to iOS Host via Bluetooth® LE

See D998200386 MagTek Universal SDK on www.magtek.com.

How to Connect to Android Host via Bluetooth LE

Disconnect any active connections to the device. Install Android HOST software. Press and hold the POWER BUTTON for 4 beeps until LED 4 starts flashing indicating Bluetooth LE pairing is in process. LED flashes once per second for up to 3 minutes. On the Android HOST, launch SETTINGS > BLUETOOTH > SEARCH FOR DEVICES > locate the 7-digit serial number on the device label (DF II GO_XXXXXX). Select device. When HOST shows BLUETOOTH PAIRING REQUEST and asks for configuration key, enter [000000]. The device appears in PAIRED DEVICES. Change the default passkey.

To UNPAIR, locate the device in BLUETOOTH configuration page on HOST, press the settings (gear) icon, press FORGET.

How to Connect to Windows 10 Host via Bluetooth LE

Ensure HOST Bluetooth LE is turned on and working. Disconnect any other connections to the device. On the HOST, install and configure the software. Ensure HOST software is configured to look for the device. The device transmits in GATT format. In START on HOST type BLUETOOTH and select BLUETOOTH AND OTHER DEVICE SETTINGS. Locate the 7-digit serial number on device label. Press and hold the POWER BUTTON on device for 4 beeps until LED 4 starts flashing indicating Bluetooth pairing is in process. LED flashes once per second for up to 3 minutes. Press the ADD BLUETOOTH OR OTHER DEVICE button and launch ADD A DEVICE window. Under CHOOSE THE KIND OF DEVICE YOU WANT TO ADD select BLUETOOTH. Locate the device called DF II GO-XXXXXX. Enter configured passkey (999999) press the CONNECT button. After a short period CONNECTED appears. Press DONE. Change the default passkey. To UNPAIR, select the device in BLUETOOTH AND OTHER DEVICE SETTINGS window and press the REMOVE DEVICE button.

Power

DynaFlex II Go receives power from the USB-C port. The battery must be periodically recharged by connecting the device to a USB port or stand-alone USB charger. The device requires a USB power supply that can provide at least 500mA @ 5V.

- **Powered Off Mode** is the shipping and storage mode of the device. No external power is applied to the device through the USB cable or from the internal rechargeable battery.
- **Active Mode** is the device's normal "awake" state when it is in use. In this mode, the device LED indicators are powered on, and the device is ready to receive commands from the host.
- To set the device from Active mode to Powered Off mode: remove power, and press and hold the power button for two beeps.

LEDs

DynaFlex II Go has 4 LEDs that provide responses to the user for Power, Connection, Device Status, and Card Status. The Installation and Operation Manual has a more complete list of light signals.

Use and Compliance

Commands

The device does not have an on-screen configuration interface. However, it does have settings the HOST can change using commands.

Accepting Payments

SWIPE: How to Swipe Magnetic Stripe Cards

Operator presses the Start transaction button on the HOST device. LED 1 and 2 will remain on. When a card is swiped, all four LEDs will turn on in sequence (1, 2, 3 then 4), followed by a long beep, indicating a successful transaction. Swipe the card with the magnetic stripe facing away from the face of the device. After a successful transaction, the device will return to the ready state.



DIP: How to Insert EMV Contact Chip Cards

Locate the insertion slot on the face of the device. Orient the chip card so the chip faces the face of the device. Insert the chip card into the slot, then push gently on the card until it stops. The operator presses the Start transaction button on the HOST device. LED 1 and 2 will remain on. When a card is inserted, LEDs 1, 2 and 4 will turn on in sequence, followed by a long beep, indicating a successful transaction.



SCAN: How to Read with Barcode Reader

Hold QR Code or barcode approximately 6 inches away from barcode reader. The operator presses the Start button on the HOST device. LED 1,2, and the BCR status light will be illuminated. When a barcode is detected, only LED 1 will remain illuminated, the BCR status LED will be off, and a long beep will sound.



TAP: How to Tap Contactless Cards / Devices

The operator presses the Start transaction button on the host device. LED 1 will remain on. When a card is presented within range of the contactless reader, LEDs 1,2,3, and 4 will turn on in sequence, followed by a long beep, indicating a successful transaction. Tap the card or electronic payment device on the contactless landing zone, indicated by the EMVCo Contactless Indicator on the device's face. The card or device's antenna* must be centered over the contactless landing zone. Remove the card or electronic payment device from the contactless landing zone.



*NOTE ON ELECTRONIC DEVICES: If the cardholder is using an electronic payment device, such as a smartphone, ensure the payment device has NFC turned ON and has a payment app configured to process transactions. Because each smartphone model may have its NFC antenna placed differently, the ideal tap position may vary by make and model. For example, Samsung users may need to center the phone on the contactless landing zone, while Apple users may need to tap the top of the phone on the contactless landing zone.

COMPLIANCE

FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications not expressly approved by MagTek could void the user's authority to operate this equipment.

CANADIAN DECLARATION OF CONFORMITY

This digital apparatus does not exceed the Class B limits for radio noise from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

INDUSTRY CANADA (IC) RSS

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage, et (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CUR/UR

This product is recognized per Underwriter Laboratories and Canadian Underwriter Laboratories 1950.

CE STANDARDS

Testing for compliance with CE requirements was performed by an independent laboratory. The unit under test was found compliant with standards established for Class B 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 addresses:

<https://www.magtek.com/content/documentationfiles/d998200650.pdf>

UL/CSA

This product is recognized per UL 60950 1, 2nd Edition, 2011 12 19 (Information Technology Equipment - Safety - Part 1: General Requirements), CSA C22.2 No. 60950 1 07, 2nd Edition, 2011 12 (Information Technology Equipment - Safety - Part 1: General Requirements).

ROHS STATEMENT

When ordered as RoHS compliant, this product meets the Electrical and Electronic Equipment (EEE) Reduction of Hazardous Substances (RoHS) Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU. The marking is clearly recognizable, either as written words like "Pb-free," "lead-free," or as another clear symbol (♻).

PCI STATEMENT

PCI Security Standards Council, LLC ("PCI SSC") has approved this PIN Transaction Security Device to be in compliance with PCI SSC's PIN Security Requirements.

When granted, PCI SSC approval is provided by PCI SSC to ensure certain security and operational characteristics important to the achievement of PCI SSC's goals, but PCI SSC approval does not under any circumstances include any endorsement or warranty regarding the functionality, quality or performance of any particular product or service. PCI SSC does not warrant any products or services provided by third parties. PCI SSC approval does not under any circumstances include or imply any product warranties from PCI SSC, including, without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by PCI SSC. All rights and remedies regarding products and services which have received PCI SSC approval shall be provided by the party providing such products or services, and not by PCI SSC.

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/d998200651.pdf>