

VeriFone QX-120



## **User Manual**

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# FCC Regulatory Compliance

## Notices Class B Equipment

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. 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

**For IC Regulatory Compliance:** "Operation is subject to the following two conditions: (1) this device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device.

### Information to user

The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

Use only the power supplies listed in this user manual

**Power Supply :** Use only the power supplies listed in this user manual.

Global Power Corp model GPWAC-15-09-2-VT.

## Cautions and Warnings



**CAUTION:** Danger of Explosion if battery is incorrectly replaced. Replace only with same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.



**CAUTION:** The unit should be mounted 1-2 feet away from other units. Can be adjusted based on lane setup.



**CAUTION:** The unit should not be placed directly on or within 4 inches of any large metal surfaces.



**WARNING:** Avoid close proximity to items such as cellular telephones and portable 2-way radios which may reduce the ability of the reader.

## Overview

The QX-120 supports contactless and swipe card payment information processing and authorization at existing POS locations. It is seamlessly integrated into existing POS systems by direct mounting to previously installed magnetic card readers or Electronic Cash Registers (ECRs). The unit can accept a variety of contactless credit cards, contactless key fobs, and wireless POS-supported devices as well as standard swipe cards and does not require additional counter space.

supports the following contactless card types:

- American Express
- Discover
- MasterCard Paypass
- Visa

QX-120 supports the following magnetic stripe applications:

- Debit/Credit
- Other

This document assumes that users are familiar with their host POS systems and all related functions.

## Features

The QX-120 supports the following transaction type:

- **Contactless:** Accepts transactions from consumers using ISO/IEC 14443 Type A and B, NFC and Mifare.
- **Compatibility:** Works with most POS and ECR systems including Ingenico enTouch 1000, VeriFone Everest and Omni 3750, HHP 3100, @pos 3100, Partech ECR, Micros (Eclipse & Workstation 4), Radiant Squirrel, and IBM SurePOS systems.
- **Speed:** Enables quick transactions improving store productivity and operational efficiencies.
- **Implementations:** Retail locations, ticket booths, multi-lane merchants, single-lane merchants, hospitality, car rental, and much more.
- **Consumer Intuitive:** Equipped with LEDs and sound to provide visual and audible cues to enable smooth and seamless transactions.
- **Secure:** Provides highly secure transactions whether financial, pre-paid, loyalty, or gift.

This section describes how to install the QX-120. The QX-120 can be mounted in a stand-alone fashion on a counter on its own stand. Installation methods and cable routing may vary depending upon the location of the POS and counter configuration.

## QX-120 Counter Top Stand

This section describes how to install the QX-120. The QX-120 can be mounted in a stand-alone fashion on a counter on its own stand. Installation methods and cable routing may vary depending upon the location of the POS and counter configuration.

### Testing with Card/Fob/Phone

After the installation is complete it is essential to test the read ability and connectivity of the QX-120. This can be achieved using a supplied test card, or some other contactless test card, fob or NFC phone.

Present the card/fob/phone in close proximity to the reader. Present the card/fob so that maximum surface area is parallel to the antenna as shown below.

The reader should beep and all four green LEDs should illuminate. This tests the reader's ability to read the RFID test card.

Installation is now complete.