

BENEFITS AT A GLANCE

- One-stop shopping from the payments name you trust
- White backlit screen, bright LEDs and translucent light bar clearly communicate transaction status to merchants and consumers
- Easily attaches to any stand-alone payment device or POS system for quick upgrades
- Standard application protocols on all VeriFone contactless devices future-proofs your investment
- Supports both MSD and EMV-like applications including Visa payWave, American Express ExpressPay, MasterCard MSD and M-Chip PayPass and Discover Zip



A Global Contactless Solution— From the Payment Experts

VeriFone's QX120 is the contactless card reader you've waited for. Versatile and highly reliable, the QX120 is designed to appeal to retailers and consumers alike, while helping you conveniently capture an increasing share of small-value payments. What's more, it's from VeriFone—the payments leader—which has taken advantage of the latest technology to produce a line of contactless card readers that's unsurpassed in the industry for versatility and quality.

The stylish device is the model of convenience. It can be used on the countertop or wall mounted to reduce clutter and enhance ease of use. The QX120 readily connects to any electronic payment device for easy contactless upgrades.

Its consumer-friendly, ultra-thin design and flexible mounting options allow consumers to quickly and dependably "touch and go" with contactless payment cards, fobs or phones. The device's bright LEDs, translucent light bar and built-in buzzer signal the card holder when the card is read, providing confidence that the transaction is indeed processed. Plus, a high-contrast, white backlit LCD displays the transaction amount and other messages to consumers.

The Need for Speed

With a high-speed processor and no receipts to sign or loose change to find, the QX120 significantly streamlines throughput. Because consumers don't need cash to make purchases, the device also

encourages more spending, boosting the average ticket size for retailers, and making the QX120 an easier sale for you.

The QX120 is designed to support the leading contactless MSD and EMV program specifications from American Express, MasterCard, Visa and Discover with virtually no changes to existing payment hardware or software, minimizing retailer costs. In addition, the device provides highly sophisticated security, to comfortably protect both retailers and consumers. Plus, with reduced cash handling due to greater card usage, theft is more effectively controlled.

No matter how you look at it, the QX120 from VeriFone sets a new standard in contactless payment convenience.

QX120

Leading the Global Wave

QX120



Wall-mounting option saves valuable counter space.



Accepts multiple, contactless card forms from key fobs to cards to cell phones (NFC).

SPECIFICATIONS

Applications

Visa payWave MSD, qVSDC
 MasterCard PayPass MagStripe, M/Chip
 American Express ExpressPay
 Discover Zip
 Pass-Through Protocol

Options: (with hardware SAM module)
 MasterCard MChip
 Visa qVSDC, Visa Wave

Card Interface

ISO 14443 type A & B
 MiFare

Processor

32-bit ARM RISC microprocessor

Memory

512k Flash

User Interface

4 LEDs and light bar
 LED backlit contactless symbol
 Buzzer

Interface with Host Base

RS-232
 USB through cable solution
 Optional external power supply

Environment

Operational temperature: 32° F (0°C)
 to 158°F (70°C)
 Storage temperature: -40° to +85°C
 Humidity: 5% to 95% non-condensing

Dimensions and Weight

H: 5.444 in (138.3mm)
 W: 3.827 in (97.2mm)
 D: .776 in (19.7mm)
 Weight: 6.5 oz. (185 grams)

Display

128 x 64 pixel graphical display

1 SAM Socket

Features & Benefits

Tailored to Your Customer's Needs

- Ideal for a variety of retailers— from quick service restaurants and petro stations to retail stores, parking garages, movie theaters and sports arenas
- Contactless “touch and go” design and high-speed processor keep checkout or traffic lanes moving
- Convenience and familiarity enhance customer satisfaction and loyalty, and increase average ticket size
- Improved operational efficiency and reduced cash handling decrease overhead and opportunity for theft
- Simple integration with other electronic payment devices

Improving Consumer Convenience

- Elegant design, large branding area and flexible mounting options suit any environment

- High-contrast, white backlit display, light bar, multiple LEDs and buzzer clearly communicate transaction amount and status to both the consumer and merchant
- Powerful processor and optimization of transaction flow provide very short transaction times

Incorporating the Latest Technology

- Standard application protocols on all VeriFone contactless devices make implementation easy and future-proof your investment
- Powerful 32-bit microprocessor makes quick work of the most complex transactions
- Support for MasterCard PayPass, Visa payWave, American Express ExpressPay and Discover Zip specifications for EMV and MSD applications simplifies implementation

- State-of-the-art radio frequency (RF) technology provides for reliable and secure credit, debit and stored value transactions
- Designed to read Near Field Communications (NFC) enabled handsets (ISO 14443B) to extend payment to cell phones and other consumer electronic devices
- Advanced security protections benefit both merchants and consumers
- Secure protocol with the host base ensures overall smooth and fast EMV implementation