

for iPhone XR & 11, iPhone Plus, iPad, and iPad Mini



QUANTUM PAY CONNECTED (QPC)

Meet Your Mobile Workstation

In order to remain competitive in today's dynamic retail and field service landscape, employees must be able to meet their customers anywhere, anytime. Empower your employees to help their customers with a secure, lightning connected device for an untethered workflow. The Quantum Pay Connected is a mobile point-of-sale (mPOS) with an optional 1D/2D barcode scanner, enabling employees to transform their iOS device into a secure mobile payment workstation.



1D/2D BARCODE SCANNER

From QR to barcodes, the QPC has the option for a variety of scanning needs. Both one and two-dimensional barcodes can be read in any direction. Expand your workflow with the ability to read both in print and onscreen (LCD) barcodes.



MOBILE PAYMENT PROCESSING

Increase your payment capability with a variety of payment options. The QPC rapidly processes payments with a bidirectional Magnetic Stripe Reader (MSR) as well as EMV (Chip) and is equipped with a backup battery for tamper reduction. The optional NFC feature supports Apple VAS, and Google Smart Tap.



SAFE, SECURE, MFI CERTIFIED

Protect your payments on a device you can trust with a secured connection via Lightning connector. QPC is certified with PCI PTS 4.x, EMV Level 1, EMV Level 2, EMV Contactless Level 1, FCC, CE and RoHS.



PASS-THROUGH CHARGING & SYNC

No more disconnecting and having to charge both the peripheral and iOS device. Reduce down-time and clutter by syncing and charging both iOS device and QPC through a single charging port.



LED INDICATORS

The QPC features intuitive haptics for intelligent workflows. The device includes two LED's for battery and device status and four LED's for contactless payment transactions. It also includes an electromagnetic buzzer for important alerts.



EASY INTEGRATION

Converting your iPhone or iPad into a powerful mobile solution has never been easier. The QPC was designed specifically for iOS and is compatible with the iPhone XR & 11, iPhone Plus, iPad and iPad Mini.





COMPATIBLE INDUSTRIES:



Healthcare



Hospitality



Retail



Supply Chain



Travel

QUANTUM PAY CONNECTED (QPC) SPECIFICATIONS

MECHANICAL

Dimensions (L x W x D)

QPC 150: 102.5mm x 75mm x 25mm
4.3in x 2.95in x 0.99in

QPC 250: 112.4mm x 88mm x 27mm
4.4in x 3.5in x 1.1in

Weight

95g
3.35oz
168g
5.9oz

ENVIRONMENTAL

Operating Environment

-10°C to +40°C
5% to 90% RH

Storage Environment

-15°C to +50°C
5% to 90% RH

CERTIFICATIONS

Certifications

QPC 150: PCI PTS 5.x, EMV Level 1 Contactless
QPC 250: PCI PTS 4.x, EMV Level 1, EMV Level 2, EMV Level 1 Contactless, FCC, CE, RoHS

FEATURES

Standard Features

Magnetic Stripe Reader (MSR) 3 track bi-directional ISO 7810, 7811 & 7813, NFC, and EMV Chip Reader

NFC Optional Feature

Apple Value Added Services (VAS), Google Smart Tap

Compatibility

QPC 150: iPhone XR & 11, iPhone Plus, iPad Mini 4 & 5.
QPC 250: iPhone XR & 11, iPhone Plus, iPad Mini 4 & 5, iPad Air 2 & 3, iPad 6th, 7th & 8th Generation.

ELECTRICAL

QPC-250 Barcode Scanner

2D high-speed imager, capable of reading 1D or 2D barcodes

Processor

ARM Cortex® M3 Security Microcontroller

Memory

64KB Internal ROM, 384KB Internal RAM, 1MB Internal Flash, Application Memory 4MB Serial Flash

Contactless NFC Payments (Optional)

AMEX ExpressPay MagStripe and EMV Discover ZIP and D-PAS MasterCard and PayPass MagStripe and M/Chip Visa PayWave MSD and qVSDC

Encryption & Key Management (Optional)

3DES-112, AES 128/256, DUKPT

Tamper Reduction

Backup Battery 3V 120mAh

Connection

Lightning connector

Bluetooth

Bluetooth 3.0 Class 2

Smart Card Reader

ISO 7816, EMV Level 1 Certified

Indicator

Visual: Green LED for battery, Blue LED for device status, Four LED's for contactless indication.

Battery

QPC 150: 3.7V 500mAh QPC 250: 3.6V 2330mAh