POYNT

The Poynt Smart Terminal is here

The first terminal you'll love. The last terminal you'll need.

Beautifully accept every way customers pay.
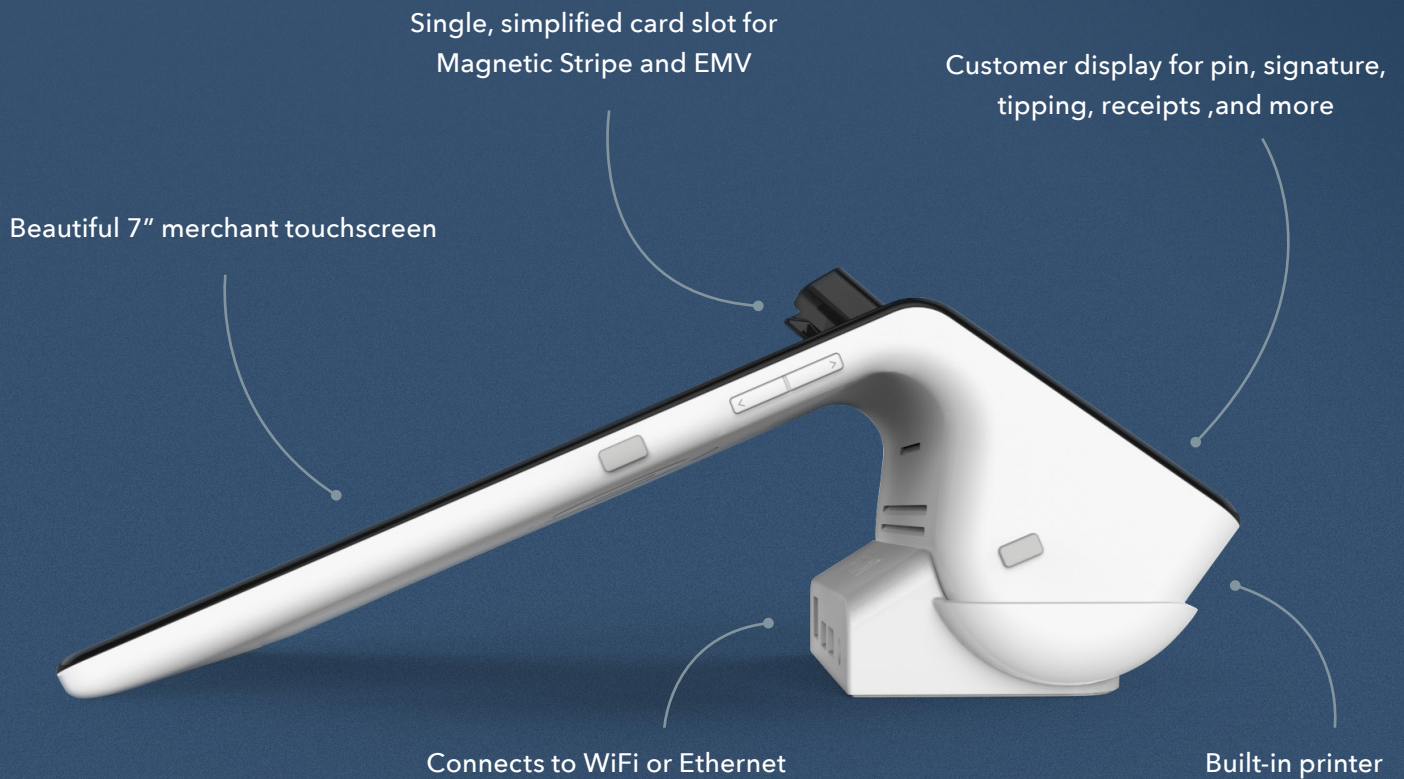
Magnetic Stripe Cards

Chip Cards (EMV)

Contactless payments like Apple Pay (NFC)

POYNT

A beautiful all-in-one Smart Terminal

Single, simplified card slot for
Magnetic Stripe and EMV

Customer display for pin, signature,
tipping, receipts ,and more

Beautiful 7" merchant touchscreen

Connects to WiFi or Ethernet

Built-in printer

Plus a whole lot more

Takes any form of payment

EMV

Magnetic Stripe

NFC for all contactless payments

Built for mobility

Durable, ergonomic form factor

Rechargeable battery (up to 8 hrs)

Charging power dock

Industry's highest security

PCI PTS v4.0 certified

Dedicated secure processor

24/7 terminal security monitoring

**All the hardware for
amazing app innovation**

USB Ports

Quad-core processor

16GB storage

Front-facing camera / scanner

Speaker

Microphone

GPS

Digital compass

Accelerometer

Three-axis gyro

Ambient light sensor

POYNT

Processor
4 core 1.8 Ghz Cortex A15 application processor
108 Mhz Cortex M3 security processor

Memory
1GB DDR

Storage
16GB Flash

Display
7" touchscreen 800 (w) x 1280 (h) pixels
4.3" Secure touchscreen display 800 (w) x 480 (h) pixels
Simultaneous 10 finger capacitive multitouch

Operating System
Poynt OS

WiFi
802.11 b/g/n WiFi, 3G capable, 0/100 Ethernet (dock)
2x USB 2.0 ports (dock)
WiFi: 802.11 a/b/g/n I dual channel 2.4, 5 GHz operation
Ethernet: 10/100 BaseT RJ45 port
USB 2.0

Camera
Front and back camera
Front Camera: 5MP I autofocus (7cm to infinity)
Back camera: VGA

Card Readers
Hybrid MSR/ Chip Reader
Magnetic stripe reader: Triple track (tracks 1, 2, 3),
high coercivity, bi-directional
Chip reader: ISO 7816, 1.8V, 3V, 5V; synchronous and
asynchronous cards; EMV Level 1 and 2 Type approved

Printers
Built in 2" thermal printer
Integrated thermal printer with graphics capabilities
≥ 80mm/s / 18+ lines per second
Accommodates standard roll paper of 58mm (2.25 in.) width x
25mm (1.0 in) diameter, single ply – 3 rolls included in box
(6M / 20ft. each)

Audio / Microphone
Built in speaker and microphone

Protocols
Supports major NFC/contactless schemes, ISO14443 A&B,
MiFare capable, ISO 18092 capable

Applications
Poynt Terminal, Poynt Register, Settlement, Help

Other Features
Accelerometer, Gyroscope, Compass
3-axis accelerometer
3-axis gyroscope
Switchable full-scale ranges (≥ 5 ranges)

Security
PCI PTS PED and SRED 4.0, End to end encryption
Support TLS 1.2

Power
40 W, 12 V, 3.33A (100-240V) I battery: 4Ah, 4.2 V, 800 cycles
Power Adaptor: input 100 – 240 VAC, 50/60 Hz, 1.5A

Voltage
AC input 100 – 240 VAC, 50/60 Hz; DC output 12V 3.33A

Environmental
Operation 0° to 50°C, 90% Maximum non-condensing up to 45°C
Storage: -20°C to 75°C, 90% Maximum non-condensing up to 60°C

Physical
117 mm x 245 mm x 90 mm I 0.7 kg

Certification
EMVCo L1 and L2 certification, PTCRB NFCC

EMV ready
Device is EMV ready for standard PCI PTS 4.0

Smart Card Reader Life
Smart Card: 500,000 reads. MSR: 300,000 swipes.