



Light. Mobile. Magical

The Poynt 5

Processor

Application processor: 4-core 1.3 GHz ARM Cortex A53

Security processor: 108MHz ARM Cortex M3

Memory

1GB DDR RAM

Storage

8GB Flash

Operating System

Poynt OS

WiFi

802.11 a/b/g/n

Camera

Rear camera: 5 MP with flash and red targeting LED

Card Reader

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 synchronous cards; EMV Level 1 and 2 Type approved

Audio/Microphone

Mono speaker

Built-in microphone

Physical

76.3 mm x 154.0 mm x 25.4 mm | 201.6g

Protocols

Supports major NFC/contactless schemes, ISO 14442 A&B, MiFare capable, ISO18092 capable

Packed Applications

Poynt Terminal, Poynt Register, Settlement, Help

Other Features

3-axis accelerometer

Switchable full-scale ranges (≥ 5 ranges)

Security

PCI PTS PED and SRED 4.x, End to end encryption

Supports TLS 1.2

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

Certification

EMVCo L1 and L2 certification, PTCRB NFCC

EMV Ready

Device is EMV ready for standard PCI PTS 4.x

Smart Card Reader Life

Smart Card: 500,000 reads. MSR: 250,000 swipes

Power

10 W, 5 V, 2 A (100~240V) | Battery: 2Ah, 4.35 V, 800 cycles