Android POS terminal

The future of payments

Android POS terminals are revolutionary in terms of combining the full features of an Android device with a powerful payment terminal. These smart POS terminals make it possible to bring **different services** to the point of sale of the merchant on one device: you as a merchant do not require any further devices.

The Android POS terminals are as easy to use as smartphones. In addition to the payment application, you can **install various apps useful for your business** directly on Android POS terminal.
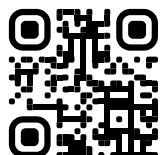
The epay Android POS terminals A920 and A77 deliver **multiple services in one device** to meet the daily demands across all merchant environments.

Benefits

✓ **One device** that brings together **Payment and ECR apps**

✓ **Easy integration** into the retailer's infrastructure using the **ZVT & OPI** ECR/POS interfaces

✓ epay as **Network Service Provider**: acceptance of **girocard** and all **common credit cards,** as well as **QR payments**

✓ **Easy installation** of additional Android apps

✓ 4 in 1 device with modern and compact design, **to save space and costs**

This makes it possible to accept payments with **girocard** and **all common credit cards**, as well as **contactless payments**, and **mobile and QR payments** with dual cameras.

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Factsheet

Integration architecture

The integration of the Android POS terminal in the retailer's checkout environment - **thanks to the support of ZVT and OPI** - is similar to the integration of traditional POS terminals.

With the **epay as Network Service Provider** (NSP), the **girocard** and **all major credit cards** acceptance is possible.
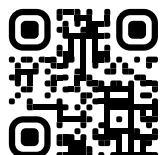
In addition to the encapsulated payment application, capsuled **Android OS** makes it possible to download a large number of **merchant or value-added services apps** to the Android POS terminal.

Thus, different use cases can be solved with one device, **without any additional devices**.

Technical specifications

◈ **Android OS:** open for merchant apps

◈ **POS/ECR interfaces:** ZVT, OPI and API

◈ **With integrated printer** (A920) and **without printer** (A77)

◈ **epay NSP**: acceptance of **girocard** and all common credit cards

◈ **Communication**: Wi-Fi 2.4GHz + 5GHz; Bluetooth 4.0; 4G module; 1x micro-USB / OTG, 1 SIM, 2 SAM; 1x Micro SD (up to 32 GB)

◈ **Camera**: front and rear cameras for processing **QR Payment Methods**

◈ **Display**: 5,5 "LED color and capacitive touchscreen display; 1440 x 720 Pixel pixels (HD) with integrated signature-pad

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epay A77: Technical Datasheet

Display	5,5" LED color display, 1440 x 720 Pixel (HD), Capacitive Touchscreen, Integrated Signature Pad
Memory	2GB DDR RAM + 16GB eMMC Flash (expendable up to 128 GB via Micro SD)
Processor	Cortex A53 Quad Core 1400 MHz, 1.4GHZ 32-bit RISC Core (ARMv7-M), 1.25DMIPS/MHz
Printer	No printer
Battery	LiIon Akku 5150 mAh, 3.7V
Physical	158,8 x 76,4 x 17,8 mm, Weight 270 g (incl. battery)
Keyboard	Full Touch Display with keyboard variants adapted to the situation 1 x On- / Offbutton, 2 x Shortcuts, 2 x Volume +/-
Camera	2 Megapixel front camera, 5 Megapixel rear camera with flash to read 1D & 2D Codes
Operating System	Android 8.1 (capsuled)
Audio	Speaker
Voltage	Input: 100 ~ 240V AC, 50/60Hz, Output: 5.0V DC, 1.0A
Communication	WiFi (2,4 GHz + 5 GHz), Bluetooth 4.2, 4G, 1x SIM , 2x SAM, 1 PSAM, 1 Micro SD (bis zu 128 GB)
Card Reader	Contactless reader, Chip card reader, Magnetic stripe card reader, camera for e.g., QR code-based payment methods
Environmental	Operating temperature: -10°C – 50°C, Storage temperature: -20°C – 70°C, Charging temperature: 0°C – 50°C 5% - 95% relative humidity, non-condensing
POS interfaces	ZVT, O.P.I.
Certification	Compatible with the current specifications: DK TA7.2 / DC POS 3.0, EMV, RoHS, CE, PCI PTS 5.x, P2PE

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Value-Added-Service

What makes a buying experience great?
Additional services that you don't expect.
Pickup your customers right there.

Whether cash withdrawals at the terminal, tip function, currency conversion and much more - at epay, we understand what the customer wants and implement it with you.

With the A77 you can use the following value-added services from epay:

Digital receipt management	✓
Direct Currency conversion (DCC)	X
Tax-Free	X
Alipay (with User Scan)	X
Account indexing	X
Tip function	✓
Reference number input	X
Prepaid TopUp (Mobile TopUp)	X
epay Gift card acceptance	X