

KDC500 Mobile POS Companion

A New Wave in Mobile POS

KOAMTAC's KDC500 Bluetooth mobile POS companion combines chip-and-PIN and MSR payment transaction technology with 1D/2D barcode scanning and NFC capabilities that support Android, iOS, Mac, and Windows mobile/PC over Bluetooth technology.

The PCI compliant detachable EMV/MSR/Barcode/NFC sled design provides a secure and convenient user payment transaction and barcode scanning experience.

The KDC500 is 50% smaller and lighter than its competitors, but with its ultra-efficient power management technique it enables a long lasting operation; up to a few weeks on a single charge.

The KDC500 comes complete with a 1D laser or 2D imager barcode reader option. The 1D laser barcode solution provides an economical and fast scanning experience for budget conscious projects. The 2D imager provides a high-end scanning solution that provides generous barcode scanning capability and the ability to scan all major 2D barcodes, such as QR and PDF417 codes.



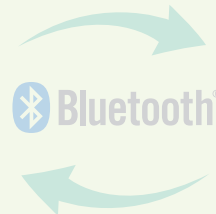
ADVANCED FEATURES

- PCI/EMV certified (Q1 2015)
- Supports 1D laser and 2D imager barcodes
- Supports NFC Paypass/Paywave (Q2 2015)
- Custom sled cases for smartphones/tablets
- Rechargeable Li-Ion Battery with wireless charging option



Solutions

- Retail
- Transportation
- Field Services
- Warehouse
- Healthcare
- Hospitality
- Event Technology



KDC500 Specifications

Hardware Specifications

Physical Characteristics

- Size : 49 mm x 117 mm x 25 mm (1.93" x 4.60" x 0.98")
- Weight : 5.6 oz (160 grams)

Electrical Characteristics

Battery : Lithium-Ion (1130 mAh)
Charging : Micro-USB, Charging Cradle, or Wireless Charging

RFID Standard

ISO 14443, Paypass, Paywave

Smartcard Reader

EMV L1, L2

Mag-Stripe Reader

Track 1/2/3, Bidirectional ISO 7810, 7811, 7813

Functionality

Memory Flash ROM : 1MB Program, 4MB User Data

Memory RAM : 128KB

Microprocessor : 120 MHz ARM Cortex-M4

Interfaces

Bluetooth® V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Micro USB port)

Display

128x64 monochrome

Keypad

- 16 keys ('0' to '9', Up/Fn, Down/Menu, Scan, Cancel, Clear and Enter)
- 2 side buttons for barcode scanning

Symbologies

All major 1D Laser and 2D Imager Symbologies

Regulatory Conformance

Laser Safety - IEC / CDRH Class II
EMC - CE, FCC, KCC, TELEC, VCCI

Payment - PCI PTS V4.0

Wedging & Synchronization

- Store to a file or transfer to the application
- Keyboard wedge function
- Add-on prefixes and suffixes
- Barcode option selection

Application Generation

- SDK for PC and Smartphone application
- Application generation tool
- Database lookup feature
- Inventory management feature
- Customizable payment processing flow feature

Models

KDC500, KDC500i, KDC500L, KDC500Li, KDC500C, KDC500Ci

Package Contents



1 KDC500
Data Collector



1 USB cable



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