

A New Wave in Auto-ID

The KDC400 enables diverse mobile Auto-Identification applications to collect barcode and MSR data with various smartphones and tablets.

KOAMTAC's innovative Bluetooth® technology and user friendly design allows users to upgrade the smartphone periodically while maintaining the KDC400 system.

A built-in 1200mAh rechargeable battery can be used as an external power source for smartphones.

An optional secondary Bluetooth port provides a seamless connectivity to other Bluetooth peripherals such as mobile printers.

KDC400 comes with FREE KTSync® keyboard wedging software and FREE SDK for Android.



Windows



Mac

ADVANCED FEATURES

- Custom SMARTSLED® cases for smartphones/tablets
- Supports 1D and 2D barcodes
- Supports triple track MSR
- Class2 Bluetooth® with HID, SPP, MFi (Optional) Profiles
- Rechargeable Li-Ion Battery
- KTSync® with Keyboard Wedging features

Solutions

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



KDC400 Specifications

Hardware Specifications

Physical Characteristics

Barcode Model (Basic)

- Size : 65 mm x 95 mm x 20 mm (2.50" x 3.70" x 0.80")
- Weight : 2.8 oz (80 g)

Barcode/MSR Model (Basic)

- Size : 65 mm x 121 mm x 20 mm (2.50" x 3.70" x 0.80")
- Weight : 4.0 oz (115 g)

Electrical Characteristics

Battery : Lithium-Ion (3.7V DC, 1200mAh)

Charging : USB connector

Typical Operating Current : 300mAh@3.3V

Scanning Performance

1D Laser : 100 scans per second

2D Image : 752 x 480 CMOS sensor

User Environment

Drop Spec : 5 feet (1.5m)

Operating : 32°F (0°C) ~ 113°F (45°C)

Storage : -4°F (-20°C) ~ 113°F (45°C)

Humidity : 5% ~ 85% (noncondensing)

Interfaces

Bluetooth® V2.1+EDR, Class 2, HID/SPP/MFi

Functionality

Memory Flash ROM : 256KB

Memory RAM : 64KB

Microprocessor : ARM7, 32 bits

Real-time Clock : Quartz RTC

Buzzer : 92dB

Button : 2 Scan, 1 Up, 1 Down

LED : 1 Tri-Color LED

Regulatory Conformance

Laser Safety – IEC/CDRH Class II

EMC - CE, FCC, KCC, TELEC



Barcode Symbolologies

1 Dimensional

EAN, UPC, Code 39, Code 93, Code 128, Codabar, Interleaved 2 of 5, GS1-128, Code 3 of 5

2 Dimensional

All major 2D, Postal, OCR-A/B codes

MSR

- Comply with ISO7810/7811/7812 (Triple track)
- Life : Minimum 500,000 swipes
- Swipe speed : 3.9 to 50 inch/sec (10 to 150 cm/sec)

Wedging & Synchronization

- Keyboard wedge function
- Add-on prefixes and suffixes
- Barcode option selection

Models

KDC410-OP-R1, KDC411-OP, KDC410i-OP-R1, KDC411i-OP, KDC411N-OP, KDC411iN-OP, KDC415T-OP-R2, KDC415iT-OP-R2, KDC415NT-OP-R2, KDC415iNT-OP-R2, KDC420-SR/SF-R1, KDC420i-SR/SF-R1, KDC421-SR/SF, KDC421i-SR/SF, KDC421N-SR/SF, KDC421iN-SR/SF, KDC425T-SR/SF-R2, KDC425iT-SR/SF-R2, KDC425T-SR/SF-R2, KDC425iT-SR/SF-R2, KDC425NT-SR/SF-R2, KDC425iNT-SR/SF-R2, KDC430T-R2, KDC430iT-R2, KDC450-SR/SF, KDC450i-SR/SF, KDC450U-SR-U, KDC450U-SR-K, KDC450U-SR-E, KDC450U-SR-J, KDC450U-SF-U, KDC450U-SF-K, KDC450U-SF-E, KDC450U-SF-J, KDC450Ui-SR-U, KDC450Ui-SR-K, KDC450Ui-SR-E, KDC450Ui-SR-J, KDC450Ui-SF-U, KDC450Ui-SF-K, KDC450Ui-SF-E, KDC450Ui-SF-J,

Package Contents



1 KDC400 Barcode/MSR Smartsled™
(SMARTSLED® case sold separately)

1 Hand strap 1 USB Cable