KDC400 Barcode/MSR SmartSled® for Smart Devices

KOAMTAC A New Wave in Auto ID

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.





ANDROID Windows

Made for iPod iPhone iPad

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



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KDC400 Specifications

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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

Bluetooth®

CAUTION
LASER RADIATION - DO NOT STARE INTO BEAM
< 1 MILLIWATT LASER DIODE CLASS II LASER PRODUCT

Barcode Symbologies

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

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