



KOAMTAC

KDC400 Series Bluetooth Barcode/MSR/NFC SmartSled®

A New Wave in Auto-ID

The KDC400 series works with all major smartphones and tablets to collect barcode, MSR and NFC data. The KDC400 may be attached to a smartphone or tablet case (sold separately) for fast and convenient use. A built-in 1200mAh rechargeable battery can be used as an external power source for smartphones.

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

ADVANCED FEATURES

- ▶ Cases for virtually all smartphones and tablets
- ▶ Supports triple track MSR
- ▶ Supports NFC
- ▶ Rechargeable Li-Ion Battery
- ▶ Class2 Bluetooth® with HID/SPP/MFi Profiles
- ▶ KTSync with Keyboard Wedge Feature

Complementary SDK and technical support from top engineers and the development team ensure ease of data collection in any situation.



Supported Smartphone Cases

Apple: iPad Air; iPad Air 2; iPad Mini, 2, 3, 4; iPad Pro 9.7-inch, 10.5-inch, 11-inch, 12.9-inch (2nd and 3rd Generations); iPhone 5(S), 6, 6 Plus, 7, 7 Plus, 8, 8 Plus, X, Xs, XR; iPod Touch 4G, 5G, 6G

Samsung: Galaxy A3 2016, A8, J1, J3, J7; Note3, Note8, Note9; S4, S5, S6, S7, S8, S8+, S9, S9+; Tab A 8.0 (2017, 2018), 9.7; Tab Active2, Tab E 8.0, XCover 3, XCover 4

Other: Kyocera Duraforce Pro, Motorola G



Hardware Specifications

Physical Characteristics

Barcode Model

Size: 2.50" x 3.70" x 0.80" (65 mm x 95 mm x 20 mm)

Weight : 2.8 oz (80 g)

Barcode/MSR Model

Size: 2.50" x 4.70" x 0.80" (65 mm x 121 mm x 20 mm)

Weight : 4.06 oz (115 g)

Electrical Characteristics

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

Charging: USB connector or charging cradle

Performance

Functionality

Memory Flash ROM: 256KB Program

Memory RAM: 64KB

Wedging & Synchronization

Store to a file or transfer to an 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 and Inventory Management features

OS Support

Android, iOS, Mac OS X, Windows

Regulatory Conformance

R&TTE, FCC, KC, TELEC, VCCI, RoHS Compliant

Laser Safety: IEC60825/CDRH Class II

LED Safety: IEC62471:2006

Scan Range (10mil Code39)

Laser: 1.97" to 7.48" (50 mm to 190 mm)

Imager: 3.2" to 9.2" (15 mm to 438 mm)

Interfaces

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

USB to Serial (Ultra mini USB port)

User Environment

Drop Spec: 5 feet (1.5m)

Operating: 32°F to 113°F (0°C to 45°C)

Storage: -4°F to 113°F (-20°C to 45°C)

Humidity: 5% to 85% (non-condensing)

Symbologies

Laser (1D): EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

Imager (1D): Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, PosiCode, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, TCL39, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1
Imager (2D): Aztec Code, Aztec Runes, Codablock F, Code 16K, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code, Han Xin Code

Postal Codes: POSTNET, Planet Code, British Post, Canadian Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post

OCR Options: OCR-A, OCR-B, OCR US Currency, OCR MICR E13B, OCR Semi Font

Mag-Stripe Reader (MSR)

Comply with ISO7810/7811/7812 (Triple track)

Life: Minimum 500,000 swipes

NFC

ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K/ Ultralight/UltralightC/DESFire)

Your KDC

Models

KDC410-OP-R1, KDC410iOP-R1, KDC411-OP, KDC411i-OP, KDC411N-OP, KDC411iN-OP, KDC415T-OP-R2, KDC415iT-OP-R2, KDC415NT-OP-R2, KDC415iNT-OP-R2, KDC420-SR-R1, KDC420-SF-R1, KDC420i-SR-R1, KDC420i-SF-R1, KDC421-SR, KDC421-SF, KDC421i-SR, KDC421i-SF, KDC421N-SR, KDC421N-SF, KDC421iN-SR, KDC421iN-SF, KDC425T-SR-R2, KDC425T-SF-R2, KDC425iT-SR-R2, KDC425iT-SF-R2, KDC425NT-SR-R2, KDC425NT-SF-R2, KDC425iNT-SR-R2, KDC425iNT-SF-R2, KDC430T-R2, KDC430iT-R2

Package Contents

1 x KDC400 Series SmartSled

1 x KDC Hand strap

1 x KDC Micro USB Cable

