



# KOAMTAC

## 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.

KOAMTAC's innovative Bluetooth® technology and user friendly design allows 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

## KDC400 series

### Bluetooth Barcode/MSR/NFC SmartSled®

Free 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 5th Gen (9.7); iPad Mini, 2, 3, 4; iPad Pro 9.7-inch, 10.5-inch, 12.9-inch; iPhone 4(S), 5(S), 5C, 6(S), 6(S) Plus, 7, 7 Plus, 8, 8 Plus; iPod Touch 4G, 5G, 6G

**Samsung:** Galaxy J3, J7; Note 3, 4, 8.0; S4, S5, S6, S7, S7 Active, S8, S8+, S9, S9+; Tab A 8.0", 9.7"; Tab Active2, XCover 3,4

**Other:** Microsoft Lumia 550, 650; Kyocera Duraforce, Duraforce Pro, Brigadier

### 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

### 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

Laser Safety: IEC60825/CDRH Class II

LED Safety: IEC62471:2006

Electrical Safety: UL 60950-1; EN/IEC 60950-1; EN/IEC 60825-1

EMI/RFI: R&TTE, FCC, KC, TELEC

Environmental: RoHS Compliant

#### 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)

### 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

#### Interfaces

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

USB to Serial (Ultra mini USB port)

USB HID/Flash Memory

#### 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 USC, 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)

#### Package Contents

1 x KDC400 Series SmartSled

1 x KDC Hand strap

1 x KDC Micro USB Cable

