



KOAMTAC

KDC[®]300

2D Imager Bluetooth Barcode Scanner & Data Collector

A New Wave in Auto-ID

The KDC300 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built-in display eliminates blind erroneous data collection and enables interactive processes.

Included is an easy-to-replace rechargeable battery that can charge from any USB port. With 8MB of on-board memory that stores over 400,000 UPC product barcodes, memory shortages are no longer a concern.

ADVANCED FEATURES

- ▶ Ultra-Compact & Lightweight
- ▶ Class2 Bluetooth[®] with HID/SPP/MFi Profiles
- ▶ Supports USB HID
- ▶ Bright 1" OLED display
- ▶ Rechargeable Li-Ion Battery
- ▶ Stores 400,000+ UPC Product Barcodes
- ▶ KTSync for:
 - ▶ Keyboard Wedging
 - ▶ Application Generation
 - ▶ DB Lookup
 - ▶ Inventory Management

All KDC[®] products come with KTSync[®] software with keyboard wedging, application generation, database look up, inventory management, and KDC configuration features for Android, iOS, and Windows devices. Complementary SDK and technical support from top engineers and the development team ensure ease of data collection in any situation.



116 Village Blvd, Suite 305, Princeton, NJ 08540 USA
T: +1-609-256-4700 F: +1-609-228-4373
info@koamtac.com www.koamtac.com

© 2021 KOAMTAC, Inc.
KDC300 - 210121

Hardware Specifications

Physical Characteristics

Size: 1.45" x 3.26" x 0.82" (37 mm x 83 mm x 21 mm)
Weight : 1.9 oz (54 g)

Electrical Characteristics

Battery: Lithium-Ion (3.7V DC, 650mAh)
Charging: USB connector

Performance

Functionality

Memory Flash ROM: 256KB Program, 8MB User Data
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

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: 4' (1.22 m) with protective boot
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)

Regulatory Conformance

R&TTE, FCC, KC, TELEC, VCCI, RoHS Compliant
LED Safety: IEC62471:2006

Scan Range (10mil Code39)

Imager: 3.2" to 9.2" (81 mm to 234 mm)

Symbologies

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

Your KDC

Models

KDC300M-SR, KDC300iM-SR, KDC300M-SF, KDC300iM-SF

Compatible Accessories

Charging Cradle
KBD401K Dongle

Package Contents

1 x KDC300 Barcode Scanner
1 x KDC Lanyard
1 x Protective Boot
1 x KDC Ultra Mini USB cable

