



KOAMTAC®

KDC20® 1D CCD & Laser Bluetooth Barcode Scanner

A New Wave in Auto-ID

The KDC20 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

The sleek high-performance KDC20 embraces the innovative and user-friendly design that KOAMTAC is known for.

Included is an easy-to-replace rechargeable battery. This KDC can be charged via the swing-out USB connector in any USB port.

All KDC® products come with KTSync® software with keyboard wedging 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.

ADVANCED FEATURES

- ▶ Ultra-compact & lightweight
- ▶ Class2 Bluetooth® with HID/SPP/MFi Profiles
- ▶ Supports USB HID
- ▶ Built-in swing-out USB connector
- ▶ Rechargeable Li-Poly Battery
- ▶ Stores 8,000+ UPC Product Barcodes
- ▶ KTSync with Keyboard wedging feature



Hardware Specifications

Physical Characteristics

Size: 1.50" x 2.40" x 0.56" (38 mm x 61 mm x 14.25 mm)
Weight: 1.25 oz (35.5 g)

Electrical Characteristics

Battery: Lithium-Polymer (3.7V DC, 200mAh)
Charging: USB connector

Interfaces

Bluetooth[®] V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Swing-out USB Type A connector)

User Environment

Drop Spec: 4' (1.22 m)
Operating Temperature: 32°F to 113°F (0°C to 45°C)
Storage Temperature: -4°F to 113°F (-20°C to 45°C)
Humidity: 5% to 85% (non-condensing)

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

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)
CCD: 2.17" to 11.81" (55 mm to 300 mm)

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

CCD (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

Your KDC

Models

KDC20, KDC20i,
KDC20L-D, KDC20Li-D

Compatible Accessories

7-port Charging Cradle
Protective Boot
KBD401K Dongle

Package Contents

1 x KDC20 Barcode Scanner
1 x KDC Lanyard

