

# KDC20 Laser Barcode Data Collector

## 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 KOAMTAC's innovative and user friendly design.

An easy-to-replace rechargeable battery that can recharge from any USB port allows more than 5,000,000 barcode scans.

All KDC® products come with FREE KTSync® software and SDK. KTSync® includes a keyboard wedging feature and SDK provides technical support from our top engineers and development staff.



### ADVANCED FEATURES

- Ultra Compact & Lightweight
- Class2 Bluetooth® with HID/SPP/MFi (Optional) Profiles
- Rechargeable Li-Poly Battery
- Swing-out USB Port
- Stores 10,240+ Product Records
- KTSync® with Keyboard Wedging feature



### Solutions

- Retail
- Transportation
- Field Services
- Warehouse
- Healthcare
- Hospitality
- Event Technology



# KDC20 Specifications

## Hardware Specifications

### Physical Characteristics

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

### Electrical Characteristics

Battery : Lithium-Polymer (3.7V DC, 190mAh)  
Charging : USB connector  
Typical Operating Current : 110mAh@3.3V

### Scanning Performance

Scan Rate : 100 scans/sec

### User Environment

Drop Spec : 4 feet (1.22m)  
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  
USB to Serial (Swing-out USB Type A connector)

### Functionality

Memory Flash ROM : 256KB Program  
Memory RAM : 64KB  
Microprocessor : ARM7, 32 bits  
Real-time Clock : Quartz RTC for timestamp

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## Symbologies

EAN, UPC, Code 39, Code 93, Code 128,  
Codabar, Interleaved 2 of 5, GS1-128, Code 3  
of 5

## Wedging & Synchronization

- Store to a file or transfer to the application
- Keyboard wedge function
- Add-on prefixes and suffixes
- Barcode option selection

## Regulatory Conformance

Laser Safety - IEC / CDRH Class II  
EMC - CE, FCC, KCC, TELEC, VCCI

## Models

KDC20, KDC20i

## Package Contents



1 KDC20  
Data Collector



1 Lanyard

