

KDC30 Imager Barcode Data Collector

A New Wave in Auto-ID

The KDC30 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

The sleek high performance KDC30 embraces KOAMTAC's innovative and user friendly design.

An easy-to-replace rechargeable battery that can recharge from any USB port allows more than 10,000,000 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.



BlackBerry



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



KDC30 Specifications

Hardware Specifications

Physical Characteristics

Size : 38 mm x 83.5 mm x 18 mm
1.50" x 3.28" x 0.70"

Weight : 1.78 oz. (50.5 grams)

Electrical Characteristics

Battery : Lithium-Polymer (3.7V DC, 650mAh)

Charging : USB connector

Typical Operating Current : 400mA@3.3V

Scanning Performance

Scan Rate

Image Sensor : 1280 x 960 CMOS sensor
Scan Range : 1.6" (4 cm) ~ 10.8" (27 cm)

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 : ARM11 32 bits

Real-time Clock : Quartz RTC for timestamp

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Symbologies

2 Dimensional

AztecCode, Codablock, DataMatrix, MaxiCode, MicroPDF, PDF417, QR Code, Micro QR Code, HanXin Code

1 Dimensional

Codebar, Code11, Code32, Code39, Code128, EAN8, EAN13, GS1-128, I2of5, MSI, Plessy, PosiCode, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked, GS1 DataBar Limited, GS1 DataBar 14, GS1 DataBar 14 Staked, S2of5IA, S2of5ID, Telepen, Trioptic, UPCA, UPCE, Pharmacode

Postal

AudPost, JapanPost, KoreaPost, KixPost, Planet Code, PostNet(US), Intelligent Mail

OCR Fonts

OCR Passport, OCR ISBN, OCR Price, OCR MICR13

Wedging & Synchronization

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

Regulatory Conformance

EMC - CE, FCC, KCC, TELEC, VCCI

Models

KDC30, KDC30i

Package Contents



1 KDC30
Data Collector



1 Lanyard



1 Software
CD

