



KOAMTAC® **KDC280** BLE Scanning Package

► Scanning Made Easy ►

Connecting your scanner to a computer has never been easier! The KDC280 paired with the KBLED41 USB Dongle enables wireless Bluetooth connection for seamless data collection without the hassle of traditional Bluetooth pairing. Together with the included 1-Slot Charging Cradle, this full-service package has everything you need to begin collecting data today!

Easy to Use

Pairing the KDC280 is easier than ever. Just plug in the KBLED41 USB BLE Dongle into your PC's USB port and you're ready to collect data!

Wireless

The KDC280 and KBLED41 USB BLE Dongle mean you have no wires to worry about getting in your way.

Powered

Advanced power management puts the scanner in "hibernation mode" when not actively in use, allowing the battery to outlast an average work shift. When power does run out, charging is easy with a Micro USB connector or the fast charging 1-slot charging cradle included.

Rugged

The KDC280 is IP65-rated and has a 5' drop spec. This means the device is dust tight and water resistant; it's ideal for any environment.

Connected

The KDC280 features Bluetooth® Low Energy to enable faster and simpler connection methods. When connected via the BLE profile, you will experience lower power consumption than traditional Bluetooth while maintaining an uncompromised connection. The included KBLED41 USB BLE Dongle utilizes Microsoft Windows USB HID driver (HID mode) and KDC Windows driver (Serial mode).

Secure

While many computers today come complete with Bluetooth capabilities, the KBLED41 USB BLE Dongle allows for a one-to-one connection with only the KDC, reducing vulnerability and increasing connection strength.

Equipped

The included 2D Imager KDC280 can read all major symbologies. 8MB of on-board memory stores over 400,000 UPC product barcodes and 60,000 product database records and allows basic applications to run right on the device.



KDC280

Hardware Specifications

Physical Characteristics

Size: 1.57" x 3.23" x 0.71" (40 mm x 82 mm x 18 mm)
Weight: 2.03 oz (57.5 g)

User Environment

Ingress Protection Rating: IP65
Drop Spec: 5' (1.5 m)
Operating: 14°F to 122°F (-10°C to 50°C)
Storage: -4°F to 140°F (-20°C to 60°C)
Humidity: 5% to 95% (non-condensing)

Electrical Characteristics

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

Interfaces

Bluetooth Low Energy, HID/SPP/Open
USB to Serial (Micro USB port)
HID/Flash Memory

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, Mac OS X, Windows, Tizen

Scan Range (10mil Code39)

Imager: 1.8" to 9.68" (46 mm to 246 mm)

Regulatory Conformance

R&TTE, FCC, KC, TELEC, VCCI, SRRC, RoHS Compliant
Laser Safety: IEC60825/CDRH Class II
LED Safety: IEC62471:2006

Symbologies

Imager (1D): Codabar, Code 11, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1

Imager (2D): Aztec Code, Aztec Runes, Codablock F, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code

Postal Codes: POSTNET, Planet Code, British Post, Canadian Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post

OCR Options: OCR Passport

KBLED41 USB BLE Dongle

Specifications

Bluetooth Standard: Bluetooth Low Energy 4.1
Radio Frequency: 2.4 GHz
Physical Dimensions: 0.87" x 0.59" x 0.21" (22 mm x 15 mm x 5.35 mm)
Weight: 0.07 oz (2.0 g)
Antenna: Internal Chip Antenna
Transfer Rate: Up to 1.0 Mbps
Power Consumption: 5V, 30mA max
Input Power: 5V (USB bus-powered)
Interface: USB 2.0 (HID/Serial)
Range: 98' (30 m)
OS Support: Windows 7/8/10
Operating Temperature: -4°F to 122°F (-20°C to 50°C)
Storage Temperature: -4°F to 140°F (-20°C to 60°C)
Humidity: 5% to 95% (non-condensing)
Compliance: KC, FCC, R&TTE, TELEC, RoHS

System Requirements

Operating System: Microsoft Windows 7/8/10

Package Contents

1x KDC280 Barcode Scanner
1x KBLED41 USB BLE Dongle
1x Retractable KOAMTAC Lanyard
1x KDC Micro USB Cable
1x 1-Slot Charging Cradle with
L-Shaped DC Jack USB Cable and Power Supply

Optional Items

Protective Boot

