

DEX-BLE 10

Wireless Adapter

TDEX/UCS is used by consumer goods suppliers and retailers to speed up direct store delivery (DSD) receiving check-in time and payment, while ensuring the accuracy of delivery data. Traditional DEX cables can be easily broken, inconvenient to carry and typically limited to a single mobile computer model.

With the Honeywell DEX Wireless Adapter, users can deploy a cost effective, versatile, maintenance-free DEX solution for DSD operations. The DEX Adapter is designed with simplicity, reliability and ease of use. Unlike other alternatives, the DEX-BLE-10 has a rechargeable, replaceable battery that goes weeks between charges and has a simple, intuitive user interface that includes on/off buttons, easy-to-understand LED status indicators and simple NFC-based pairing. The DEX Wireless Adapter supports Honeywell devices on Android™ 7.1 and higher.

The DEX solution is part of the Mobility Edge™ platform ecosystem that includes the DEX Adapter, DEX BLE SDK, DEX Toolkit (SKU 454-038-001), DEX Storefront application (SKU 454-036-001) and DEX-enabled DSD applications available from Honeywell partners.

Built on the Mobility Edge platform, the device offers many benefits as its unique software plus hardware system-on-module platform, providing unmatched security, lifecycle, productivity and accelerated deployment. For more information about Mobility Edge visit www.honeywellaidc.com/solutions/platforms/mobility-edge.



The Honeywell DEX Wireless Adapter has a simple, intuitive user interface for reliability and ease of use.

FEATURES AND BENEFITS



Bluetooth® 4.0 (Bluetooth Smart) connection to mobile computers. Easy to set up with fast, fool-proof NFC and barcode scan pairing.



Enterprises can take advantage of flexible support for Android 7.1 and later versions.



Withstands multiple 1.2 m (4 ft) drops to concrete, 500 1 m (3.3 ft) tumbles and has an IP64 seal rating.



Rechargeable and removable Lithium-ion battery lasts one month between charges at 16 data transmissions per day.



Users can view battery status and other device operations through APIs.

DEX-BLE-10 Wireless Adapter Technical Specifications

MECHANICAL

Dimensions: 162 mm x 77 mm x 18.2 mm (6.4 in x 3.0 in x 0.7 in)

Weight: 289 g (10.1 oz) with battery pack

ENVIRONMENTAL

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

Drop: Withstands multiple 1.2 m (4 ft) drops to concrete

Tumble: 500 1 m (3.3 ft) tumbles

ESD: ± 20 kV air and ± 10 kV contact

Environmental Sealing: IP64 (IEC 60529)

SYSTEM ARCHITECTURE

Operating System: Works with Honeywell mobile computers with Android 7.1 and higher

DSD Application Software:

DEX BLE SDK

DEX Toolkit (SKU 454-038-001)

DEX Storefront application (SKU 454-036-001)

DEX-enabled DSD applications available from Honeywell partners

Keypad: Power button to power on/off the DEX adapter

I/O Ports:

6.35 mm (0.25 in), 3-circuit

DEX plug communicating per DEX/UCS communications standard – direct connect interface, revision 01

Micro USB charging port

LED Indicator: Product function indication device status LED and battery status LED

Device Status (Blue LED):

BTLE discoverable, not paired (LED on)

BTLE connecting (fast flash)

BTLE connected (slow flash)

Battery Status (Green LED):

Low or charging (flashing)

Fully charged (LED on)

Battery:

Rechargeable/Removeable: Li-ion 3.7 V, 750 mAh, less than four hours to charge from completely drained

Expected Hours of Operation: One month between charges at 16 data transmissions per day

Warranty: 1-year factory warranty

WIRELESS CONNECTIVITY

Bluetooth: Supports V4.0 Bluetooth Smart applications

NFC: Integrated NFC tag with NFC Data Exchange Format (NDEF) described in NFCForum-TS-NDEF_1.0 Technical Specification by NFC Forum

ACCESSORIES

Battery: DEX-10-BATTERY

Charger: USBWALL-CHARGER-U

Cable: CBL-500-120-S00-04

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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