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 Mobiliy 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.

Honeywell

DEX-BLE-10 Wireless Adapter Technical Specifications

MECHANICAL

Dimensions: 102mm x 66mm x 24mm
Weight: 136g with battery pack

ENVIRONMENTAL

Operating Temperature:
  Charging: 5°C to 40°C (41°F to 104°F)
  Non-charging: -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: USB-WALL-CHARGER-U
Cable: CBL-500-120-S00-04

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

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

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