



# KOAMTAC

## Universal Case Adaptor

for professional charging, data collection,  
and mPOS applications

### Expand your Phone's Data Collecting and Power Capabilities

The KOAMTAC Universal Case Adaptor is the perfect solution to add data collecting and charging capabilities to any Android device. Ruggedize your device while transforming it into a barcode scanner, RFID reader, or mPOS terminal. Additional professional accessories such as an inductive charger, 1-slot and 4-slot desktop chargers, vehicle mounting kit, extended battery, and pistol grip ensure your device can outlast even your busiest work days.

#### Professional Power Solutions

The Universal Case Adaptor supports numerous power options to suit your business needs.

Adding the Case Adaptor will enable your smartphone or tablet to charge via pogo pins in KOAMTAC 1-Slot or 4-Slot Charging Cradles. When combined with a KDC470 or KDC475 Bluetooth Barcode Scanner, you can charge your phone or tablet via the Micro USB port or pogo pins on the scanner. The Universal Case Adaptor can also add wireless charging capabilities to any smartphone or tablet.

If long-lasting, all-day power is a business necessity, enhance your smartphone or tablet with the Extended Battery or Pistol Grip Companions for a significant boost in battery life.

#### Professional Data Collection Solutions

Easily integrate barcode or RFID reading capabilities in retail, transportation, logistics, health care, or hospitality. The Universal Case Adaptor can transform any smartphone or tablet into a Bluetooth Barcode Scanner by merely attaching a KDC470 or KDC475 to suit your 1D and 2D barcode scanning or HF and UHF RFID reading needs. Easily transform your device into an mPOS, by adding card reading abilities including Apple Pay, Google Pay, and Samsung Pay.

#### Modular Design

Optimize CAPEX by gradually deploying necessary technology. Keep your investments in slow-moving technologies such as barcode, RFID, and mPOS while only needing to change the fast-moving and ever-evolving technologies of smartphones and tablets. Your existing Universal Case Adaptor and all of its attached companions will be compatible with any new case, thus eliminating the need to disassemble your data collecting solution every time a new device is released or an upgrade is necessary.



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GUA— 210714

## Charging Case Solutions

### Universal Adaptor for Protective Charging

Combine any case with the KOAMTAC Universal Case Adaptor for Protective Charging to enable your device to charge via pogo pins with a KOAMTAC Charging Cradle.



- Ability to add 2,000mAh Extended Battery
- Charges Extended Battery and device simultaneously
- Slim and lightweight profile
- USB OTG support

### Universal Adaptor for Inductive Charging

Combine any case with the KOAMTAC Universal Case Adaptor for Inductive Charging to enable wireless charging on your device.



- For use with any wireless charger
- Slim and lightweight profile
- USB OTG support

## Bluetooth Barcode Scanners

### KDC470

Combine any case with the KDC470 Barcode SmartSled® to enable barcode and RFID data collection capabilities to your device.

- Supports 1D or 2D barcodes with ability to add RFID companions
- Class 2 Bluetooth® with HID, SPP, and MFi Profiles with automatic reconnection feature for seamless operation. BLE options available.
- Rechargeable & replaceable Lithium-ion Battery
- Enables simultaneous charging of KDC and Smart Device

### KDC475

Combine any case with the KDC475 Barcode SmartSled® to enable barcode and RFID data collection capabilities to your device.

- Angled barcode scan engine
- Supports 1D or 2D barcodes with ability to add RFID companions
- Class 2 Bluetooth® with HID, SPP, and MFi Profiles with automatic reconnection feature for seamless operation. BLE options available.
- Rechargeable & replaceable Lithium-ion Battery
- Enables simultaneous charging of KDC and Smart Device

KDC470Li  
1D Laser



KDC470Di  
1D CCD



KDC470Ci  
2D Imager



KDC475Si  
1D Laser



KDC475Hi  
2D Imager



## KDC470/475 Companions

### HF RFID Reader for KDC470/KDC475

- Drop Spec: 5' (1.5 m) with IP65 rating
- Standards Supported: ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K/Ultralight/Ultralight C/DESFire)
- Frequency: 13.56 MHz
- Nominal Read Range: Up to 3.42" (87 mm) dependent on tag type
- Stores: 409,600 RFID tags (ISO/IEC 15693 UID Data)



### 1.0W UHF RFID Reader for KDC470/475

- Drop Spec: 5' (1.5 m) with IP64 rating
- Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
- Frequency: US, EU, JP, KR
- Nominal Read Range: 20'+ (6 m+) dependent on tag type and environment
- Output Power Range: +18 to +30 dBm
- Read Rate: 200 tags per second
- Stores: 409,600 RFID tags (EPC Data)
- Battery Capacity: 6,000mAh
- LED Indicator shows battery status



### 0.5W UHF RFID Reader for KDC470/475

- Drop Spec: 5' (1.5 m) with IP65 rating
- Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
- Frequency: US, EU, JP, KR
- Nominal Read Range: Up to 5' (1.5 m) dependent on tag type and environment
- Output Power Range: +18 to +27 dBm (Japan: +18 to +23 dBm)
- Read Rate: 30 tags per second
- Stores: 409,600 RFID tags (EPC Data)



### Pistol Grip Companion for KDC470/475

- Battery Capacity: 6,000mAh
- Trigger for point-and-shoot scanning
- LED Indicator shows battery status



### Extended Battery Companion

- IP-Rating: IP65
- Battery Capacity: 2,000mAh
- Hand strap for easy scanning (Small and Large Size)
- LED Indicator shows battery status



## Charging Solutions

### 1-Slot and 4-Slot Charging Cradles

- 1-Slot Cradles available in standard, Extended Battery, and Pistol Grip varieties
- Simultaneously charges smartphone and KDC470/475 + Extended Battery

