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, 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 Universal 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 KDC Bluetooth SmartSled such as the KDC480, you can charge your phone or tablet via the adaptor's 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 data-collecting solution by merely attaching a KDC SmartSled to suit your 1D and 2D barcode scanning or HF and UHF RFID reading needs. Attach the SLED-mPOS Payment Companion to add card reading abilities including Google Pay and Samsung Pay. All connections are fast and secure thanks to implementation of USB OTG.

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.

Charging Case Solutions

5pin OTG General Universal Adaptor module

Combine any case with the General Universal Case Adaptor to attach various data-collection companions and enable your device to charge via pogo pins with a KOAMTAC Charging Cradle.

- Ability to add 2,000mAh Extended Battery, Pistol Grip, 1W & 0.5W UHF Readers, HF Reader, or mPOS and MSR/IC payment companions
- Charges device and Extended Battery simultaneously
- Slim and lightweight profile
- USB OTG support

Compatibility

KDC480 & KDC485 SmartSled Scanner

Combine any case with the KDC480 or KDC485 Barcode SmartSled® to enable barcode reading capabilities to your device. Several companions are available for the KDC SmartSled that empower your device with increased battery capacity, RFID reading, or payment abilities.

- Supports 1D or 2D barcodes with ability to add RFID companions
- Bluetooth® Low Energy 5.0 with HID and SPP profiles and automatic reconnection feature for seamless connectivity and operation
- Rechargeable & replaceable Lithium-ion Battery
- Enables simultaneous charging of KDC and Smart Device
- Downward angled barcode scan engine (KDC485 models only)

KDC480L	KDC480D	KDC480C	KDC485S	KDC485H
1D Laser	1D CCD	2D Imager	1D Laser	2D Imager

*Also compatible with legacy KDC470/475 models.

Compatible SmartSled Companions

HF Reader

Read High Frequency and NFC tags quickly and easily.
- Standards Supported: ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K/Ultralight/Ultralight C/DESFire)
- Read Range: Up to 3.42" (87 mm) dependent on tag type

0.5W UHF Reader

Quickly and easily read Ultra High Frequency RFID tags from short range.
- Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
- Read Range: Up to 5' (1.5 m) dependent on tag type and environment

1.0W UHF Reader

Read Ultra High Frequency RFID tags at an increased range with the comfort of a Pistol Grip.
- Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
- Read Range: 20'+ (6 m+) dependent on tag type and environment
- Read Rate: 200 tags per seconds
- Battery Capacity: 6,000mAh

Pistol Grip Companion

An ergonomic and convenient method of scanning.
- Optional 6,000mAh battery
- Trigger for point-and-shoot scanning

Pistol Grip Companion

Add extra battery capacity to ensure your phone or tablet stays charged all day long.
- Battery Capacity: 2,000mAh
- Hand strap for secure scanning and minimizing drop risks.

KDCSLED MSRIC Companion

Add magnetic stripe and IC card reading capabilities to your to your KDC SmartSled.
- For a full list of supported standards and compliance, please visit koamtac.com

KDCSLED mPOS Companion

Add PCI compliant & EMV certified payment processing to your KDC SmartSled.
- For a full list of supported standards and compliance, please visit koamtac.com

Charging Solutions

1-Slot and 4-Slot Charging Cradles
- 1-Slot Cradles available in standard, Extended Battery, and Pistol Grip varieties
- Simultaneously charges phone or tablet and KDC SmartSled (+ Extended Battery)