



KOAMTAC

0.5W UHF Reader KDC470 Companion

Barcode and UHF Reader in One

Enhance your KDC470 with 0.5 watt UHF reading. The reader connects directly to the KDC to give your smart device an all-in-one data collection solution whether you're using barcodes or UHF tags—or a combination of the two.

Modular and Ergonomic Design

The KDC470 with UHF Companion attaches to **any smart device** via a custom case for a **sled solution**. This unique modular design **protects your investment** as your business evolves.

Comparable UHF readers are bulky and unwieldy; KOAMTAC's UHF readers are lightweight and fit for the shape of your hand.

Diverse Bluetooth® Profiles

HID, SPP, and MFi allow **seamless connectivity** to any mobile device. Direct physical connection available for select devices.

Built for the Toughest Conditions

The KDC470 and 0.5W UHF Reader are IP65-rated meaning they're **dust tight** and **water resistant**. Plus, they can handle a 5' drop.

Rechargeable Batteries

Get a full day of power from one charge or easily swap out batteries to keep going from shift to shift.

Onboard Storage

8MB of onboard memory allows you to record and **store data** and run basic applications directly on the KDC470.

Ideal for:

- ▶ Asset Management
- ▶ Inventory Management
- ▶ Utilities/Field Services
- ▶ Healthcare
- ▶ Aerospace

UHF Companion Details

RFID Details

Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
Nominal Read Range: Up to 5' (1.5 m)
dependent on tag type and operating environment
Frequency: US, EU, JP, KR
Output Power Range: +18 to +27 dBm (Japan: +18 to +23 dBm)
Read Rate: 30 tags per second

Functionality

Memory Flash ROM: 256 KB Program, 8MB User Data (KDC470)
Memory RAM: 64KB (KDC470)
Stores: 409,600 RFID tags (EPC Data)

User Environment

Operating: -4°F to 122°F (-20°C to 50°C)
Storage: -4°F to 140°F (-20°C to 60°C)
Humidity: 5% to 95% (non-condensing)

Physical Dimensions

(without KDC)
2.36" x 4.11" x 0.39"
(60 mm x 104.5 mm x 10 mm)

Weight

(without KDC)
1.85 oz (53 g)

Compliance

EMI/RFI, R&TTE, FCC, KC, TELEC

