



KOAMTAC

0.5W UHF Reader KDC470/475 Companion

Barcode and UHF Reader in One

Enhance your KDC470/475 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 KDC470/475 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 KDC470/475 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

Both 1-Slot and 4-Slot Charging Cradles are available for safe and efficient charging of 0.5W UHF Reader, KDC470/475, and host device. 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 KDC470/475.

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: +13 to +27 dBm
(Japan: +18 to +23 dBm)
Read Rate: 100 tags per second

Functionality

Memory Flash ROM: 256 KB Program, 8MB User Data (KDC470/475)
Memory RAM: 64KB (KDC470/475)
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

RED, FCC, KC, TELEC, VCCI, SRRC, and RoHS Compliant



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