



KOAMTAC

1.0W UHF Reader KDC470/475 Companion

Barcode and UHF Reader in One

Enhance your KDC470/475 with 1.0 watt UHF reading. The reader connects directly to the KDC to give your smart device an all-in-one data collection solution for barcodes and UHF tags. A lightweight and ergonomic pistol grip design ensures comfortability through an entire day of data collection.

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 1.0 watt UHF reader comes mounted on a pistol grip for quick and comfortable reading. This lightweight and ergonomic pistol grip design is easy to use and allows reading at the pull of a trigger.

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 1.0 watt UHF Reader companion is IP64-rated meaning it's **dust tight** and **water resistant**. Plus, it can handle a 5' drop.

Rechargeable Batteries

A 1-slot Charging Cradle is available for safe and efficient charging of 1.0W 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

UHF Details

Standards Supported: EPC Class1 Gen2, EPC Gen2 V2
Nominal Read Range: 20'+ (6 m +)
dependent on tag type and environment
Frequency: US, EU, JP, KR
Output Power Range: 0 to +30 dBm
Read Rate: 200 tags per second

Battery Characteristics

- ▶ Barcode, Communication:
1130mAh Lithium-ion battery of KDC470/475
- ▶ UHF, Device Charging:
6000mAh Lithium-polymer battery of Pistol Grip

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)
3.11" x 5.78" x 5.11"
(78.9 mm x 146.7 mm x 129.8 mm)

Weight

(without KDC)
14.99 oz (425 g)

Compliance

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



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