KOAMTAC®

1.0W UHF Reader
KDC470/475 and SKX Companion

Barcode and UHF Reader in One

Enhance your KDC470/475 or SKX with 1.0 watt UHF reading. The reader connects directly to the KDC or SKX 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 and SKX 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. The KOAMTAC 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, SKX, 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 KDC or SKX.

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

Weight

(without KDC or SKX)
14.99 oz (425 g)

Compliance

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