



KOAMTAC

0.5W UHF Reader KDC470/475 and SKX Companion

Barcode and UHF Reader in One

Enhance your KDC470/475 or SKX with 0.5 watt UHF reading. The reader connects directly to the KDC or SKX to create 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 UHF Companion for KDC470/475 attaches to any smart device via a custom case for a sled solution, while the UHF Companion for the SKX simply attaches to the SKX. This unique modular design protects your investment as your business evolves.

Comparable UHF readers are bulky and unwieldy; KOAMTAC 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 KDC, SKX, and 0.5W UHF Reader achieve at least an IP65 rating—meaning they're dust tight and water resistant. Plus, they all can handle a 5' drop.

Rechargeable Batteries

Both 1-Slot and 4-Slot Charging Cradles are available for safe and efficient charging of your 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 KDC or SKX.

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 or SKX)

2.36" x 4.11" x 0.39"

(60 mm x 104.5 mm x 10 mm)

Weight

(without KDC or SKX)

1.85 oz (53 g)

Compliance

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



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