



1.0W UHF Reader

for KDC1100 SmartSled®



All-in-One Data Collection

Maximize the capabilities of your KDC1100 SmartSled with the 1.0W UHF Reader, delivering exceptional long-range UHF tag reading. It connects directly to the SmartSled, creating a unified solution for collecting both barcode and UHF tag data.



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Exceptional Productivity

The 1.0W UHF Reader excels at reading prevalent RFID standards commonly seen in the supply chain and retail sectors. Boasting an accurate, rapid read rate of over 400 tags per second and an impressive 20+ foot read range, the 1.0W UHF Reader is the perfect tool to tackle frequent and intensive UHF reading tasks. Stay connected via Bluetooth SPP, USB-OTG, or serial connection options, ensuring dependable and uninterrupted connectivity to your smartphone.

Modular and Ergonomic Design

Unlike bulky alternatives, the 1.0W UHF Reader seamlessly integrates with the KDC1100 SmartSled, turning your smartphone into a versatile data collection tool for barcodes and RFID tags. Featuring a pistol grip with a rechargeable 6000mAh battery, it enables rapid and comfortable scanning. Its lightweight, ergonomic design ensures effortless handling for efficient data capture with just a simple trigger pull.

Charging Cradle Ready

Dedicated KDC1100 Charging Cradles that support 1.0W UHF Readers are available in 1-slot or 5-slot configurations. Additionally, they come equipped with spare slots for charging 6000mAh batteries and facilitate simultaneous charging of host devices, the 1.0 W Reader, and spare batteries.

UHF Companion Details

UHF Details

Standards: EPCglobal/GS1 EPC Gen2 v2 (ISO/IEC 18000-63)

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: 400+ tags per second

Stores: 409,600 RFID tags (EPC Data)

Physical Dimensions

(1.0W UHF Reader only)

3.1" x 5.9" x 5.1"

(79 mm x 150 mm x 130 mm)

Weight

(1.0W UHF Reader only)

15.0 oz (325 g)

Battery Characteristics

For UHF, Device Charging:

6000mAh Lithium-polymer battery inside
Pistol Grip

Compliance

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

User Environment

IP Rating: IP54

Drop Spec: 5' (1.5 m)

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)

