HF Reader
for KDC480/485 SmartSled®

Barcode and HF Reading All-in-One

Elevate your KDC480 or KDC485 SmartSled with added HF/NFC reading capabilities. This reader seamlessly integrates with the SmartSled, transforming your smart device into a unified data collection solution, ideal for handling barcodes, HF tags, or a blend of both technologies.

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Modular and Ergonomic Design

The HF Reader Companion integrates directly with the KDC480/485 SmartSled, combining barcode scanning and HF reading into one device. This provides a unified solution for businesses adopting or merging barcode and RFID technologies, streamlining data collection with single-handed operation and catering to users needing an NFC reader—eliminating the need to manage a separate reader and device simultaneously.

Optimized Efficiency

The HF Reader Companion seamlessly attaches to the KDC480/485 SmartSled, offering seamless interaction with contactless HF standards and NFC. This versatile companion supports a wide range of applications including transportation systems, access control, and asset tracking. Connectivity is maintained through HID, SPP, and MFi Bluetooth profiles on the SmartSled, with an optional physical connection for reliable smartphone communication. With the HF Reader, users can maximize the capabilities of their SmartSled, ensuring efficient data collection in various environments.

HF Companion Details

RFID Details
Standards Supported: ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K/Ultralight/Ultralight C/DESFire)
Nominal Read Range: Up to 3.42" (87 mm) dependent on tag type
Frequency: 13.56 MHz

Functionality
Storage (KDC): 409,600 RFID tags (ISO/IEC 15693 UID 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)
1.35 oz (38.5 g)

Compliance
R&TTE, FCC, KC, TELEC, VCCI, SRRC, and RoHS Compliant