



## KDC1000 Series

Barcode/RFID/mPOS SmartSled®  
for Samsung Galaxy XCover7



### Experience the Next Generation SmartSled

Introducing the KDC1000 Series SmartSled—an innovative leap forward in SmartSled technology! Its streamlined and modern design is equipped with high-quality components, delivering an exceptional scanning performance. It seamlessly integrates with the Galaxy XCover7 through a Custom Case, providing a cost-effective and future-ready scanning solution. With features like 1D/2D barcode scanning, IP65 rating, versatile charging, and a range of companions, it delivers an extraordinary scanning experience.



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## Universal Design

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The KDC1000/1100 SmartSled is designed to effortlessly connect to the Samsung Galaxy XCover7 through its innovative Custom Case solution, enabling barcode scanning functionality on your smart device. When it is time to upgrade to a new host device, a simple Custom Case replacement allows you to keep your current SmartSled solution without investing in a new one, providing you with a truly cost-effective and future-ready scanning solution.

## Well-Equipped

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The next-gen SmartSled provides two scanning orientations. The standard KDC1000 offers forward-facing scanning for standard tasks, while the KDC1100 has a downward-angled scan engine for specialized needs. Both models are available with standard, medium, and extended-range 2D imager scan engines. This allows businesses the flexibility to choose the ideal scanning option for their specific requirements, whether it involves near- or long-distance scanning tasks.

## Rugged

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The KDC1000/1100 has a 5' drop spec, and is IP65-rated. This means the device is dust tight and water resistant—ideal for any environment.

## Powered

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The KDC1000/1100 utilizes the display and processing power of the connected smart device, providing accurate information in a form and appearance that is familiar to the user. Furthermore, the SmartSled establishes a seamless physical connection to the host device via USB OTG with optional Bluetooth 5.0 connectivity. A variety of charging cradles, are available for the KDC1000/1000 and can be scaled to large and small operations.

## Rich Companion Ecosystem

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Leveraging a modular design, the KDC1000/1100 offers users the flexibility to attach a range of companions, augmenting the functionality of the SmartSled. These companions include short and long-range UHF Readers, an HF (NFC) Reader, a 2,000mAh Extended Battery, a Pistol Grip with an optional 6,000mAh Extended Battery, as well as two mPOS options.

Keyboard wedging and configuration features are included in the complementary SDK for Android, Xamarin, Cordova, React Native, Flutter, and Web. Additionally, receive technical support from top engineers and the development team to ensure ease of data collection in any situation.



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## Hardware Specifications

### Physical Characteristics

Size (KDC1000): 2.95" x 4.28" x 0.81"  
(75 mm x 108.6 mm x 20.7 mm)

Size (KDC1100): 2.95" x 4.28" x 1.06"  
(75 mm x 108.6 mm x 26.8 mm)

### Electrical Characteristics

Battery: Lithium-ion (3.7V DC, 750mAh)

Charging: USB-C, Charging Cradle via Pogo Pins

## Performance

### Wedging & Synchronization

Transfer to an application  
Keyboard wedge function  
Add-on prefixes and suffixes  
Barcode option selection

### Application Generation

SDK for Android, Xamarin, Cordova, React Native, Flutter, and Web

### Regulatory Conformance

R&TTE, RED, FCC, KC, J-MIC, VCCI, SRRC, RoHS Compliant  
Laser Safety : IEC60825-1:2007 & IEC60825-1:2014, Class II

### Scan Engine Specs (20mil Code39)

Scan Range (Standard): 1.9" to 29.1" (49 mm to 740 mm)

Scan Range (Professional): 1.7" to 31.5" (44 mm to 800 mm)

Scan Range (MR): 3.3" to 59.0" (85 mm to 1500 mm)

Scan Range (ER): 3.4" to 112.1" (88 mm to 2848 mm)

## Your SmartSled

### Models

KDC1000, KDC1100

### Compatible Accessories

0.5W UHF Reader  
1.0W UHF Reader  
HF/NFC Reader  
Extended Battery  
Pistol Grip  
SLED-MSRIC  
SLED-mPOS  
1/2/5/10-Slot Charging Cradles  
Car & Forklift Charging Cradles



### Interfaces

USB

Bluetooth® Low Energy 5.0: HID (Android/Windows),  
SPP (Optional Secure Mode)

USB Power Delivery v3.0

### User Environment

IP Rating KDC1000/1100: IP65

IP Rating KDC1000/1100 w 1.0W UHF Reader: 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)

### OS Support

Android

### UHF Specs (when equipped with UHF companions)

Supported Standards: EPC Class1 Gen2, EPC Gen2 V2

Nominal Read Range: 20' (6 m) for 1.0W UHF Reader

5' (1.5 m) for 0.5W UHF Reader

### Symbologies

Imager (1D): Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, PosiCode, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, TCL39, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1

Imager (2D): Aztec Code, Aztec Runes, Codablock F, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code, Han Xin Code  
Postal Codes: POSTNET, Planet Code, British Post, Canadian Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post



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## Model Guide

Please use this Model Guide to help determine your scanning needs.

Part Number	Product Name	Description
501560	KDC1000-ST-SXC7	KDC1000 ST SmartSled Scanner for Samsung XCover7 KDC1000 PRO SmartSled Scanner for Samsung XCover7 KDC1000 MR SmartSled Scanner for Samsung XCover7 KDC1000 ER SmartSled Scanner for Samsung XCover7
501630	KDC1000-PRO-SXC7	
501700	KDC1000-MR-SXC7	
501770	KDC1000-ER-SXC7	
511400	KDC1100-ST-SXC7	KDC1100 ST SmartSled Scanner for Samsung XCover7 KDC1100 PRO SmartSled Scanner for Samsung XCover7 KDC1100 MR SmartSled Scanner for Samsung XCover7 KDC1100 ER SmartSled Scanner for Samsung XCover7
511450	KDC1100-PRO-SXC7	
511500	KDC1100-MR-SXC7	
511550	KDC1100-ER-SXC7	

