



## SmartSled® Scanning

for Samsung Galaxy Tab Active5



### Effortless Data Capture and Superior Tablet Integration

The Samsung Galaxy Tab Active5 demands powerful and rugged accessories to match its performance and build quality.

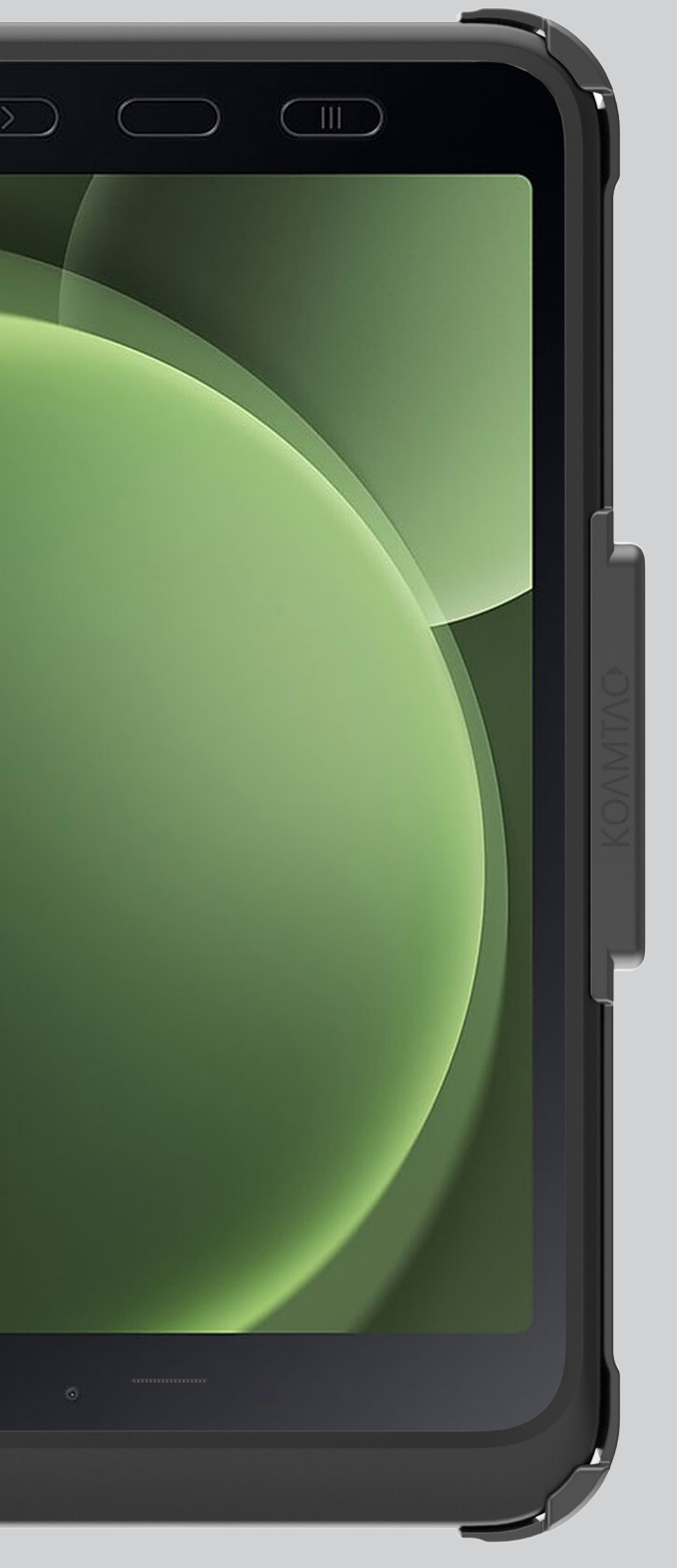
Our solution is the Galaxy Tab Active5 SmartSled Case – a protective case designed for seamless data collection and charging. When paired with a KDC480/485 SmartSled scanner, it ensures quick and efficient barcode scanning for inventory, asset management, and other tracking needs.

Enhance data collection with companions like the Extended Battery and RFID readers, maximizing your tablet's utility.



# SmartSled Scanning

for Samsung Galaxy Tab Active5



## Precision-Fit for Tab Active5

The SmartSled Case fits snugly and securely around the Tab Active5, with no gaps or compromises. Its precise construction provides unobstructed access to all essential buttons and the tablet's camera, maintaining full functionality. Additionally, the case includes two built-in buttons for seamlessly triggering the scanning of a KDC480 or KDC485 SmartSled.

## Seamlessly Integrate Data Capture

Equip your SmartSled case with a KDC480 or KDC485 SmartSled scanner to transform your tablet into a versatile sled scanning solution. These scanners come in various models: KDC480C (2D imager), KDC480L (1D laser), or KDC480D (1D CCD), ensuring compatibility with all popular barcode types. The KDC480 features a forward-facing scan engine, while the KDC485 has downward-angled engines for easier scanning of lower-positioned barcodes. The KDC485 also offers three read ranges—standard (KDC485H), medium (KDC485MR), and extended (KDC485ER)—to suit different scanning needs.

## Rugged

The KDC480/485 has a 5' drop spec, and is IP65-rated. This means the device is dust tight and water resistant—ideal for any environment.

## Powered

The KDC480/485 connects wirelessly to the Tab Active5 via Bluetooth Low Energy 5.0 and features a rechargeable, removable 1010mAh battery. Single and multi-slot charging cradles are available to simultaneously charge both the Tab Active5 and the SmartSled, making it suitable for operations of any size in virtually any industry.

## Rich Companion Ecosystem

With a modular architecture, the KDC480/485 facilitates the attachment of multiple accessories, expanding the functionality of your 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.



# KDC480 & KDC485

Barcode/RFID/mPOS SmartSled®



## Hardware Specifications

### Physical Characteristics

Size (KDC480): 2.56" x 4.13" x 0.62" (65 mm x 105 mm x 15.8 mm)

Size (KDC485): 2.56" x 4.13" x 0.94" (65 mm x 105 mm x 24 mm)

Weight (KDC480): 3.07 oz (87g)

Weight (KDC485): 3.1 oz (88 g)

### Interfaces

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

## Performance

### Functionality

Memory Flash: 8MB User Data

Can store more than 400,000 barcodes (EAN-13)

### Wedging & Synchronization

Keyboard wedge function

Add-on prefixes and suffixes

Barcode option selection

### Application Generation

SDK for Android, iOS, macOS, Windows, Xamarin, Cordova, React Native, Flutter, and Web

### OS Support

Android, iOS, macOS, Windows

### Scan Range (20mil Code39)

L - Laser: 1.97" to 18.11" (50 mm to 460 mm)

D - CCD: 1.97" to 18.11" (50 mm to 460 mm)

C - Imager: 2.36" to 18.35" (60 mm to 466 mm)

S - Laser: 1.40" to 52.00" (35 mm to 1320 mm)

H - Imager: 1.73" to 31.5" (44 mm to 800 mm)

MR - Imager: 3.3" to 59.0" (85 mm to 1500 mm)

ER - Imager: 3.4" to 112.1" (88 mm to 2848 mm)

## Your SmartSled

### Models

KDC480L 1D Laser

KDC480D 1D CCD

KDC480C 2D Imager

KDC485S 1D Laser

KDC485H 2D Imager

KDC485MR Medium Range 2D Imager

KDC485ER Extended Range 2D Imager

KDC480 (no barcode)

### Compatible Accessories

0.5W UHF Reader

1.0W UHF Reader

HF/NFC Reader

Extended Battery

Pistol Grip

SLED-MSRIC

SLED-mPOS

1/4-Slot Charging Cradles

1/5-Slot Pistol Grip Cradles

### Bundles

KDC480C + Galaxy Tab Active 5

SmartSled Bundle ( Part #: 382550)



### Electrical Characteristics

Battery: Lithium-ion (3.7V DC, 1100mAh)

Charging: USB-C, Charging Cradle via Pogo Pins

### User Environment

IP Rating SmartSled: IP65

IP Rating SmartSled 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)

### Regulatory Conformance

R&TTE, RED, FCC, KC, J-MIC, VCCI, SRRC, RoHS Compliant

Laser Safety: IEC60825/CDRH Class II

LED Safety: IEC62471:2006

### Symbologies

#### KDC480 Symbologies

**Laser/CCD (1D):** EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

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

**Imager (2D):** Aztec Code, Aztec Runes, Codablock F, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code

**Postal Codes:** POSTNET, Planet Code, British Post, Canadian Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post

**MRZ:**Supported

#### KDC485 Symbologies

**Laser (1D):** EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

**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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