

KOAMTAC

SKX7Pro

SmartSled® for Galaxy XCover7 Pro



Built for the XCover7 Pro, Ready for Anything

The SKX7Pro builds on the proven SKX series to deliver a rugged, high-performance SmartSled designed exclusively for the Samsung Galaxy XCover7 Pro. With IP67-rated protection, advanced 1D/2D scanning, and support for a wide range of modular accessories, the SKX7Pro enhances productivity in demanding environments. Purpose-built for durability, flexibility, and efficiency, the SKX7Pro is the ideal solution for today's industrial mobility challenges.

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Purpose-Built

The SKX7Pro is purpose-built for seamless integration with the rugged Samsung Galaxy XCover7 Pro, ensuring a secure fit and unified operation. Its top-mounted 1D/2D imager is conveniently positioned for intuitive aiming and consistent scanning performance in any orientation. Supporting virtually all standard barcode symbologies, the SKX7Pro delivers superior performance over traditional handheld scanners, providing reliable, high-speed data capture in a familiar, user-friendly form factor.

Flexible Scanning Options

The SKX7Pro series offers three scanning models to meet a variety of operational needs. The standard model provides fast, accurate scans at close range, ideal for retail or inventory tasks. The SKX7ProMR extends functionality to medium distances, minimizing the need for repositioning. For warehouses and logistics hubs, the SKX7ProER delivers extended-range scanning to capture barcodes on shelves or across conveyors. This versatility makes the SKX7Pro a single solution for a wide range of tasks, whether scanning up close, from a distance, or anywhere in between.

Engineered for Durability

The SKX7Pro is up to the challenges of demanding environments. With an IP67 rating and 5-foot drop resistance, it's protected against dust, water, and everyday wear. Whether in retail backrooms, field service, or industrial sites, the SKX7Pro delivers reliable, consistent operation that minimizes downtime.

Seamless Power and Integration

The SKX7Pro leverages the processing power and display of the Galaxy XCover7 Pro to provide a familiar Android experience with integrated advanced scanning. This helps reduce training time and encourages faster user adoption. The SmartSled connects via USB OTG, ensuring stable, high-speed data transfer without the limitations of Bluetooth or wireless-only setups. Modular 15W charging cradles are available in single-bay and multi-slot configurations to support efficient charging for deployments of any scale.

Modular Expansion

The SKX7Pro is more than a scanner; it's a customizable data capture platform. Its modular design allows users to easily attach or remove accessories based on their needs. Available options include short- and long-range UHF RFID readers for asset tracking, a 2,000mAh extended battery for longer operation, a pistol grip for ergonomic high-volume scanning with an optional 6,000mAh battery, and mPOS or MSR/IC modules for mobile payment processing.

Keyboard wedging and SKX configuration features are included with KTSync SKX. KOAMTAC provides complementary SDK access, which supports Android, Windows, .NET MAUI, 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: 3.3" x 7.0" x 0.9" (85 mm x 177 mm x 22 mm)
Weight: 2.9 oz (82 g)

Electrical Characteristics

Charging: 15W fast charging supported by Charging Cradle
Normal charging via USB-C connector

Interfaces

USB OTG

User Environment

IP Rating SKX7Pro: IP67
IP Rating SKX7Pro w companions: IP65
IP Rating SKX7Pro w 1.0W UHF Reader: IP64
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)

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

FCC, CE, RoHS Compliant
Laser Safety: IEC60825-1:2014, Class II

Scan Engine Specs (20mil Code39)

Scan Range (SKX7Pro): 1.38" to 31.5" (35 mm to 800 mm)
Scan Range (SKX7Pro MR): 3.3" to 59.0" (85 mm to 1500 mm)
Scan Range (SKX7Pro ER): 3.4" to 112.1" (88 mm to 2848 mm)
Motion Tolerance: 19.7 ft/sec (6 m/sec)

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

OCR/MRZ: OCR-A, OCR-B, OCR US Currency, OCR MICR, OCR Semi, OCR ISBN, OCR Passport.

Your SmartSled

Models

SKX7Pro, SKX7ProMR, SKX7ProER

Compatible Accessories

0.5W UHF Reader
1.0W UHF Reader
Extended Battery
Pistol Grip
SKXSLED-MSRIC
SKXSLED-mPOS
1/2/5/10-Slot Charging Cradles



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