



KOAMTAC® KDC8 Software Decoder

Fast ▶ Reliable ▶ Accurate ▶ Versatile

The KDC8 software decoder fills the gap between low-quality free barcode decoding software and professional-quality barcode scanners by utilizing Honeywell SwiftDecoder software with your Samsung device's built-in camera. Although the SwiftDecoder software on your Samsung Galaxy smartphone or tablet may be slightly slower and less convenient than using a dedicated barcode scanner, this solution is much more cost-effective. Combining the power of the KDC SDK with SwiftDecoder provides seamless integration between software and hardware-based scanning technology.

Fast

The software decoder offers swift performance with fast decode times which helps facilitate the scanning process and minimize errors and delays. High speed scanning situations such as mail, document, and package sorting are supported via automatic mode. In fast paced environments, the software decoder is at least 20% faster in motion tolerance than competitive enterprise software products.

Reliable

By leveraging the same technology deployed in leading retail and industrial barcode scanners, the software decoder delivers quick and reliable scans. Additionally, the software decoder is omni-directional so scans can be made at any direction, even upside-down.

Accurate

This highly accurate software decoder lessens the risk of costly errors by minimizing barcode misreads associated with other decoders. High accuracy scanning is achieved through the use of unique patented algorithms.

Versatile

This software decoder reads a wide range of barcode symbologies used today in both consumer and enterprise applications including postal codes and will be regularly updated with new symbologies as they are introduced to the market. In addition to the ability to decode barcode symbologies, the software decoder goes beyond the barcode, offering augmented reality, OCR, driver's license verification, and document/signature capturing.

The software decoder is integrated into the KDC KOAMTAC barcode scanner SDK and available for purchase as a standalone license, either monthly or per device. Additional KOAMTAC products, such as the Protective and Inductive Charging Cases with extended battery option, can enhance the power of this software decoder by ensuring your Samsung devices stay powered throughout a heavy day of use. Software decoder users can upgrade to a hardware decoder at any time for additional functionality for a full-service omni-decoder solution.

SwiftDecoder™ decoding software licensed by Honeywell Scanning and Mobility; Patent: hsmpats.com



116 Village Blvd, Suite 305, Princeton, NJ 08540 USA
T: +1-609-256-4700 F: +1-609-228-4373
info@koamtac.com www.koamtac.com

© 2020 KOAMTAC, Inc.
KDC8_Samsung- 200526

Features & Benefits



More reliable: Uses the same decoding technology found in Honeywell barcode scanners worldwide that more quickly and reliably scan millions of barcodes.



Faster barcode scanning: Helps to expedite the scanning process and minimize errors and delays.



More accurate: Capable of aggressive and more accurate reading, reducing errors by minimizing barcode misreads.



Effectively reads poor quality barcodes: Able to more quickly recognize and correct 1D and 2D barcode defects that can make scanning difficult, helping to expedite processing time.



Omni-directional: True 360° omni-directionality enhances ease-of-use and enables successful first-pass read.

Additional Information

- ▶ Preconfigured integration with the latest camera APIs for Android
- ▶ One button scanning achievable via Samsung Knox (Available on select models including the XCover Pro)
- ▶ Flexible “plug-in” architecture allows developers to customize the display and capture of user inputs during scanning
- One-time license authentication: Simplifies the digital licensing process.

Supported Symbologies

Code	Symbology
1D	Code 39, Code 93, Code 128, UPC/EAN/JAN, Interleaved 2 of 5, Hong Kong 2 of 5, Matrix 2 of 5, NEC 2 of 5, Codabar, Code 11, MSI Plessey, RSS, Telepen, Straight 2 of 5, Korea Post, Trioptic
2D	Data Matrix, PDF417, MicroPDF417, QR Code, Micro QR Code, Aztec Code, Codablock, MaxiCode, UCC Composite, Hanxin, DotCode, Grid Matrix
POSTAL	PLANET, Australia Post, POSTNET, Japanese Post, USPS 4CB, UPU, KIX, Canada Post
OCR	OCR-A, OCR-B, MICR E-13B, SEMI

Supported Platforms

Hardware Platform
Galaxy smartphones, Galaxy tablets

Supported Tools

Utility	SDK Support
KTSync	Android SDK

SwiftDecoder™ decoding software licensed by Honeywell Scanning and Mobility; Patent: hsmpats.com.



116 Village Blvd, Suite 305, Princeton, NJ 08540 USA
T: +1-609-256-4700 F: +1-609-228-4373
info@koamtac.com www.koamtac.com

© 2020 KOAMTAC, Inc.
KDC8_Samsung - 200526