COGNEX MOBILE BARCODE SOFTWARE DEVELOPMENT KIT (SDK)

Simple, enterprise-grade barcode scanning for mobile devices

Whether developing a barcode reading application for the front office, light industrial use, or harsher warehouse and factory floor environments, the Cognex Mobile Barcode Software Development Kit (SDK) provides enterprise-grade barcode scanning in a unified solution.

The Cognex Mobile Barcode SDK combines the proven Cognex DataMan® SDK technology with the industry-leading Manatee Works™ Mobile Barcode SDK, resulting in a best-in-class software tool for all facets of mobile barcode scanning. The Cognex Mobile Barcode SDK is available for mobile applications and smartphone integration, regardless of platform, development framework, or barcode symbology.

**Broad range of symbology and platform support**

The Cognex Mobile Barcode SDK supports iOS devices including the Apple® iPhone®, iPad®, and iPod touch®, as well as most Android™ smartphones and tablets for mobile barcode reading. It can read over 20 different 1-D and 2-D barcode symbologies used across a wide range of industries.

- **1-D Codes:** UPC/EAN/JAN, Codabar, Code 11, Code 25, Code 39, Code 93, Code 128, GS1 DataBar, Interleaved 2 of 5, MSI Plessey, Pharmacode
- **2-D Codes:** Data Matrix, QR, Micro QR, PDF417, MicroPDF, MaxiCode, Aztec Code, DotCode
- **Postal Codes:** POSTNET, PLANET, Intelligent Mail Barcode, Australian Post, Japan Post, Royal Mail, UPU

The Cognex Mobile Barcode SDK can be used with any supported device, including:

- Smartphone and tablet cameras
- MX-1000 and MX-1502 mobile terminals
Easy to use
With the Cognex Mobile Barcode SDK, it is no longer necessary to develop separate applications and manage multiple software and hardware solutions for mobile device barcode reading. The SDK offers developers a robust set of tools in a single solution, allowing for maximum control over the user experience. It provides a high-level, simple to use interface for device management, whether using a smartphone or tablet camera, or a ruggedized mobile terminal.

Reliable mobile barcode reading performance
The Cognex Mobile Barcode SDK is designed to provide fast and reliable barcode reading for field service, courier and parcel delivery, and logistics applications. For damaged codes, challenging lighting conditions, or harsh environments, the SDK can leverage the power of the ruggedized, high-performance MX Series mobile terminals.

Couriers and Parcel Delivery
Flexible design allows a common mobile app on either smartphones or rugged MX mobile terminals for high speed barcode reading of packages and parcels.

Field Service and Utilities
Easily integrates scanning capabilities to existing mobile phones to read a variety of 1-D and 2-D codes on work orders, replacement parts, and installed equipment.

Logistics and Transportation
Develop mobile applications to read barcodes on products, product packaging, and shipping labels for warehousing or freight delivery.

SPECIFICATIONS

| Mobile Operating Systems | iOS: Version 9 and above  
Android: Version 4.1 and above |
| Supported IDEs | iOS: Xcode®  
Android: Eclipse® |
| Development Languages | iOS: Objective-C®, Swift™  
Android: Java |
| Frameworks | Xamarin: iOS, Android |
| Supported Devices | iOS: iPhone, iPod, iPad  
Android: Most smartphone and tablet devices |

1 Not all symbologies are available on every device supported by the Cognex Mobile Barcode SDK.