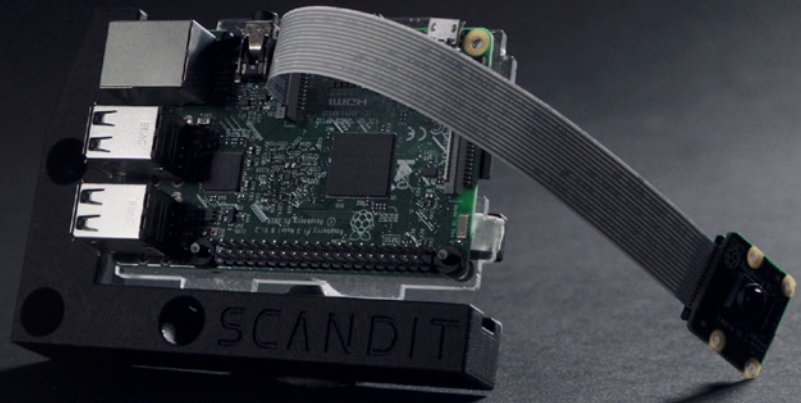


Add Enterprise-Grade Barcode Scanning to Your Device





The Alternative to Hardware OEM Scan Engines


Scandit barcode scanning software enables device manufacturers to add barcode scanning functionality to their products by simple and fast software integration. You can combine the Scandit barcode scanning software with off the shelf camera modules to achieve enterprise-grade barcode scanning. No need to purchase expensive Hardware OEM Scan Engines.


Scandit Barcode Scanner SDK is designed to handle even the most “challenging barcodes” with ease. Our precision scanning performs in the most adverse of conditions, such as low lighting, glare and warped surfaces. Our Barcode Scanner SDK can handle any barcode in any condition. Any device with a camera or image feed can become a barcode scanner. Our SDK is available for most platforms, including Linux, Android and Windows, for true enterprise-grade scanning.

Benefits

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High Performance
Fast and secure barcode and text scanning using professional, supported software
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Low Cost
No Need for expensive scanning hardware.
- 

Save Space
Better ergonomics and smaller products are possible due to removal of need to integrate scan engine.
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Fast and Easy Integration
Simple and well documented integration into your product.

Product Features

- Scan barcodes in any condition – damaged, worn, torn or blurry
- Locate, track and decode multiple barcodes with added visual feedback in new MatrixScan feature
- Unmatched barcode scanning speed and accuracy
- Add text recognition to mobile data capture workflows with Optical Character Recognition (OCR)
- Operates on 4,000+ smartphones, tablets and wearable devices
- Support for iOS, Android, Windows, Linux
- Scan any barcode symbology including 1D, 2D and Composite Codes
- Scan barcodes in any condition – damaged, worn, torn or blurry

Specifications

Performance Characteristics

Roll Tolerance	360°
Pitch Tolerance	Up to +/- 80°
Yaw Tolerance	Up to +/- 70°
Field of View	Entire camera image
Decode Speed	As low as 5ms per frame
Min. Resolution required	As low as 0.5 pixels per thin barcode element

Device Support

Camera Resolution	240x320 pixels up to 4k
Focus	Autofocus & Fixed-Focus
Recommended Min. CPU	400 MHz
OS Support	Linux (glibc 2.19 and higher), Windows (incl. UWP), Android, iOS
Hardware Support	ARM (ARMv5, ARMv6, ARMv7, ARM64), MPS, x86, x86_64

Symbology Decode Capability

1D Barcode Types	
UPC/EAN	(UPC-A/UPC-E/EAN-8/EAN-13/JAN-8/JAN-13, ISBN, ISSN, Coupon Code)
Code39	(Standard, Full ASCII)
Code128	(GS1)
Code11, Code25, Code93	
Codabar	
MSI Plessey	
Interleaved 2 of 5	(ITF)
GS1 Databar	(RSS) (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked, Composite Codes A, B, C)

2D Barcode Types	
QR Code, Micro QR Code	(Standard, GS1)
Aztec	
Maxicode	
Datamatrix	(ECC200)
PDF417	(Standard, Truncated, MicroPDF417)
DotCode	

Postal Codes	
RM4SCC	
KIX	

Composite Codes	
GS1 Composite Codes	

OCR (Android & iOS only)	
OCR-A, OCR-B, Any Font	

Decode Ranges (Max Distance cm)		
Barcode Type	Resolution	Range in cm
100% UPC	HD	53
	FULL HD	80
	4K	140
5 mil Code 39	HD	20
	FULL HD	30
	4K	60
20 mil Code 39	HD	80
	FULL HD	115
	4K	235
15 mil Code 128	HD	77
	FULL HD	110
	4K	210
10 mil Data Matrix	HD	16.5
	FULL HD	20
	4K	33.5

Interested in mobilizing your barcode scanning workflows with smartphones?

Contact one of our team members:
www.scandit.com/contact

Schedule a Demo:
 +1 415 528 5050 / +41 44 586 4540



Scan with your smart device to explore more:

For more information:
www.scandit.com/products/oem

About Scandit

At Scandit, we are helping business users and consumers to augment the physical world with relevant digital information in real time through barcodes, images and other visual identifiers captured with smart devices such as smartphones, wearables, drones, and robots.

With our next-generation mobile data capture platform built on proprietary computer vision, machine learning and augmented reality, we enable businesses to unlock previously unavailable levels of insights into enterprise processes and workflows, resulting in more efficient decisions, more effective employees, lower cost and more satisfied customers and clients.

Don't just take our word for it. Many of the world's most innovative and successful companies are already reaping the benefits of Scandit's next-generation mobile data capture platform. Our clients include Ahold, dm, Coop, Macys, Louis Vuitton, DHL, Cardinal Health, NASA and Verizon Wireless.