



CortexDecoder®

Enterprise Barcode Reading Software

Designed to be flexible and reliable, CortexDecoder® is the most innovative software-based barcode scanning system, providing unparalleled performance on virtually any platform and operating system. With incredibly fast read times, the ability to read more barcode types, and the versatility to read damaged barcodes, CortexDecoder® easily outperforms the competition.



Compatible with iOS®, Android™, Windows® and Linux®.



Extremely fast decoding
of 1D, 2D, Postal, and
direct part mark barcodes.



Easily decodes poor
quality, damaged and
even curved barcodes.



Integrates with any
device with any
embedded camera.



Compatible with any operating
system, including iOS, Android,
Windows and Linux.

Versatility for Every Industry

Be it a hospital reading poorly printed barcodes off medication packets, or a manufacturing facility capturing part information from an extremely high density barcode, CortexDecoder® is built to handle whatever is thrown at it.



Retail



Manufacturing



Field Services



Healthcare

CortexDecoder® is available for evaluation to test with your application.



Download the CortexDecoder®
[www.cortexdecoder.com/
cortex.php#Application](http://www.cortexdecoder.com/cortex.php#Application)

Best-in-Class Speed and Reliability

CortexDecoder® can decode more barcode symbologies than competitors.



Competitor 1

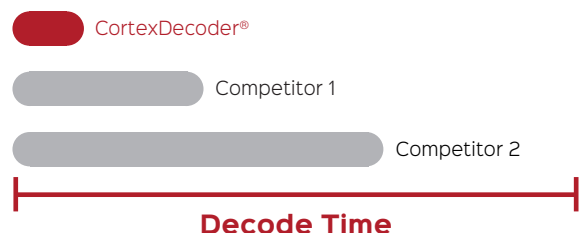


Competitor 2



CortexDecoder®

up to **6X** **FASTER** decoding times for all barcodes, including damaged and distorted barcodes.



Flexible Plans to Meet Your Needs

Symbologies	Basic	Plus	Premium	ULTIMATE
Included	1D	1D, PDF417, QR Code	1D, Stacked 1D, 2D	1D, Stacked 1D, 2D, Postal
1D	UPC/EAN/JAN, Code 39, Code 128, GS1 DataBar	UPC/EAN/JAN, BC412, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Plessey, Straight 2 of 5, Telepen, Trioptic	UPC/EAN/JAN, BC412, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode, Plessey, Straight 2 of 5, Telepen, Trioptic	UPC/EAN/JAN, BC412, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode, Plessey, Straight 2 of 5, Telepen, Trioptic
Stacked 1D		PDF417	Codablock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417	Codablock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417
2D		QR Code	Aztec Code, Data Matrix, Han Xin, Micro QR Code, QR Code	Aztec Code, Data Matrix, Han Xin, Micro QR Code, QR Code
Postal				Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags
Direct Part Mark (DPM)			Optional	Optional
GoCode®			Optional	Optional
Features				
Scan Speed	Limited	Limited	Unlimited	Unlimited
Multiple Barcodes			X	X
CortexFlex™ Support	X	X	X	X
Low Contrast Mode			X	X
Continuous Scan Mode			X	X
Driver License Parsing		X	X	X
GS1 Parsing			X	X
HIBCC Parsing				X
Custom Integration Support	\$\$	\$	20 hrs Free	40 hrs Free

Supported Platforms

Windows®, iOS®, Android™, Linux®, and additional operating systems upon request.

Performance Characteristics

- Reads barcodes reliably from mobile devices with 5% brightness
- Full, 360°, omnidirectional reading of barcodes
- Excels at reading barcodes on curved surfaces
- Reliably reads QR Code and Data Matrix barcodes with damaged or missing finder patterns

Example Decoding Times (In milliseconds)

Barcode Type	Intel i7 2.7 GHz	ARM 400 MHz	iPhone® 4
Code 128	0.1	5	1
Code 39	0.2	7	2
GS1 DataBar - 14	0.3	9	1.7
GS1 DataBar CCC	0.6	19	6
Data Matrix (20x20)	1.9	38	10
Data Matrix (80x80)	3.1	131	22
PDF417 (driver license)	2.6	93	27
QR Code (25x25)	1.6	75	8
Aztec (53x53)	1.6	60	11
Han Xin (45x45)	1.3	60	11