



Barcode Scanner Series

Technical Specifications



TYPES OF BARCODE SCANNERS YOU CAN HAVE IN YOUR GRABBA

X200 Series – CCD Barcode Reader.

This reader is a good fast general purpose reader. It will read most 1D barcodes in normal lighting conditions.

X300 Series – Advanced Linear Scanner.

This is a high performance reader in all lighting conditions including direct sunlight. It is an extremely fast barcode scanner.

X400 Series – Area Imager Scanner.

This high performance 1D and 2D barcode reader works in all lighting conditions. With the X400 you can read virtually every 1D, 2D barcode and take a greyscale photo!



From the top left: Grabba S-Series with iPhone 4, Grabba in use with Samsung Galaxy S3 and iPhone 4.

ABOUT GRABBA AND TECHNOLOGIES

Grabba is the world leader in enabling the use of Smartphones in the commercial environment by manufacturing data capture devices that attach to the Smartphone utilising our Patented USB communications.

We have years of experience in the use and manufacture of barcode scanners for these purposes. We offer a range of barcode reading technologies to suit your application and our innovative design means you don't pay for something you don't need. You can upgrade the barcode reading technology later if your needs change.

A large variety of combination readers are also available to allow you to include other reading technologies (e.g. magnetic stripe, RFID etc) with your barcode reader so the Grabba you purchase can exactly match all your needs.

Grabba barcode readers are found in all vertical markets. It is common to see Grabba x200 and Grabba x300 readers used in retail, mobile sales forces, asset management, healthcare, education and government. Where 2D barcode reading is common then the x400 is typically used.



BARCODE SCANNER SPECIFICATIONS

General Specifications

Size	130 x 70 x 34mm (5.1 x 2.75 x 1.3")
Weight	140g Approx (4.9 oz)
Drop tests	Withstands multiple 2 meters drops to concrete
Relative Humidity	5-95% (non-condensing)
Warranty	12 months from date of purchase (see warranty statement for details)
Battery type	Internal Rechargeable Lithium-Ion 3.7V
Capacity	800mAh
Charge Time	up to 5 hrs
Standards and Compliance	FCC-Part 15, CE, C-Tick (N14052), RoHS
Whats in the Box?	1 x Grabba Barcode reader, 1 x International Power Adaptor, 1 x User Guide

Note: this is a guide, specs may vary due to final configuration

Supported Software

Smartphone/PDA Operating Systems	Android, iOS, Windows Phone, BlackBerry 10
Development Environments	Java, Eclipse, Xcode, Cordoba and many others
Development SDK	SDK available through Free membership in our Software Developer Program
Free Software available from Grabba	Grabba Browser application for iPhone/iPod. Keyboard Wedge application & Demo Program for other operating systems

Note: this is constantly changing, if it's not listed contact us



Performance Specifications

Grabba Series	X200	X300	X400
Ideal Light conditions for scanning	Office/Warehouse	All Lighting Conditions	
Max Read range (depends on code type and size)	6.5 - 34 cm(2.6 - 13.4")	4 - 50 cm(1.6 - 19.7")	5 - 34 cm(2 - 13.4")
Comparative Read Range (Code 39, 10ml)	7 - 20 cm(2.8 - 7.9")	5.5 - 27.5 cm(2.6 - 10.8")	6 - 19.3 cm(2.4 - 7.6")
Operating Temperature	0° to +50° C (-32° to 122° F)	-10° to +50° C (-14° to 122° F)	
Storage Temperature	-20° to +70° C (14° to 140° F)	-20° to +70° C (-4° to 158° F)	
Max Reading Angle	55°	40°	50°
Illumination	632nm Visible LED	617nm Visible LED	626nm Visible LED

Common Symbologies Supported:

Common Linear: All UPC/EAN/JAN, EAN128 Code, Code 39, Code 39 Full ASCII, Code32 / Italian Pharmacy, Code 128, CODABAR/NW7, Interleave 25, Standard/Industrial 25, Matrix 25, MSI/PLESSEY, Telepen, Code 93, Code 11, China Postage, Code 26, LCD25, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded	✓	✓	✓
Other Linear: Codabar, Code 11, Code 32, Pharmaceutical, Code 39, Code 93 / Code 93i, Code 128, EAN-8, EAN-13, Interleaved 2 of 5, Industrial/Standard 2 of 5, IT 128, ISBN, ISSN, ISBT, Matrix 2 of 5 MSI (Modified Plessey), Plessey Code, Telepen, UCC/EAN-128, UPC-A, UPC-E, RSS		✓	✓
Stacked / 2 Dimensional: CodaBlock, PDF417, MicroPDF417, MaxiCode, Data Matrix, QR Code, Aztec, Aztec Mesa, Code 49, UCC Composite			✓
Postal Codes: Postnet (US), Planet Code, BPO 4 State, Canadian Post, Japanese Post, KIX (Netherlands) Post			✓
OCR-A, OCR-B, Image Capture			✓

Note: this is a guide, performance may vary depending on conditions

Grabba Technologies available:



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