



Barcode Scanner Series

Technical Specifications



TYPES OF BARCODE SCANNERS YOU CAN HAVE IN YOUR GRABBA

X200 Series – CCD Barcode Scanner.

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.



ABOUT OUR BARCODE TECHNOLOGY

Grabba Barcode scanners are found in all vertical markets. It is common to see Grabba X200 and 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.

The Grabba innovative and configurable design allows the user to select not only the correct Barcode reader to suit your needs, but also up to five other technologies to include in the one Grabba unit, so as to precisely and cost-effectively meet the needs of the use case. Those other technologies include RFID reader, MRZ (passport) readers, Fingerprint readers, Contact Smartcard readers and Magnetic Stripe readers.

Another advantage of the unique Grabba design is that it allows Grabba units to be simply upgraded to work with later model smartphones and to add other technologies without the need to purchase new Grabba units. This substantially reduces the Total Cost of Ownership of Grabba units.

From the top left: Z-Series with Samsung Galaxy S7, Q-Series with iPhone 6 Plus, S-Series with Samsung Galaxy S6.



iOS



Tested To Comply With FCC Standards For Home or Office Use



N14052



BARCODE SCANNER SPECIFICATIONS

Performance Specifications

	X200	X300	X400
Ideal light conditions for scanning	Office/Warehouse	All Lighting Conditions	
Max read range (depends on code type and size)	4,5 – 34 cm	8-90 cm	5 – 34 cm
Comparative read range (Code 39, 10mm)	4 – 50 cm	7 – 35 cm	6 – 19,3 cm
Scans per minute	267	322	300
Operating temperature	0° to +50° C	-30° to +50° C	-10° to +40° C
Storage temperature	-20° to +70° C	-40° to +70° C	-20° to +70° C
Max reading angle	55°	40°	50°
Illumination	632nm Visible LED	617nm Visible LED	626nm Visible LED

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

Common Symbologies Supported

	Linear 1D	1D Stacked	PDF417	2D
X200	EAN8, EAN13, EAN128 Code, ISTB128, UPC-A, UPC-A with Extended Coupon Code, UPC-E, Codabar/NW7, Code11, Code32 (Italian Pharmacy), Code39, Code39 Full ASCII, Code93/93i, Interleaved 2of5, Industrial 2of5, Matrix 2of5, MSI, Telepen, ISSN, ISMN, GS1 Databar (RSS) Omnidirectional/Limited/Truncated/Expanded, Trioptic, S-Code, ITF14, Posicode A and B, SISAC	GS1 DataBar Limited Composite, GS1-128 Composite, GS1 DataBar Omnidirectional & Stacked, GS1 DataBar Expanded & Stacked, GS1 DataBar Truncated Composite, EAN/UCC Composite, TLC39 / TCIF Linked	-	-
X300	EAN8, EAN13, EAN128 Code, UPC-A, UPC-A with Extended Coupon Code, UPC-E, Codabar/NW7, Code32 (Italian Pharmacy), Code39, Code39 Full ASCII, Code93/93i, Interleaved 2of5, Industrial 2of5, Matrix 2of5, Plessey, Telepen, ISBN, ISSN, ISMN, GS1 Databar (RSS) Omnidirectional/Limited/Truncated/Expanded, Trioptic, S-Code, ITF14	GS1 DataBar Omnidirectional and Stacked, GS1 DataBar Expanded and Stacked, EAN/UCC Composite, TLC39 / TCIF Linked	PDF417, MicroPDF417, Truncated PDF147	-
X400	EAN8, EAN13, EAN128 Code, ISTB128, UPC-A, UPC-A with Extended Coupon Code, UPC-E, Codabar/NW7, Code11, Code32 (Italian Pharmacy), Code39, Code39 Full ASCII, Code93/93i, Interleaved 2of5, Industrial 2of5, Matrix 2of5, MSI, Plessey, Telepen, ISBN, ISSN, ISMN, GS1 Databar (RSS) Omnidirectional/Limited/Truncated/Expanded, Trioptic, S-Code, ITF14, Posicode A and B, SISAC	GS1 DataBar Limited Composite, GS1-128 Composite, GS1 DataBar Omnidirectional and Stacked, GS1 DataBar Expanded and Stacked, GS1 DataBar Truncated Composite, Codablock A and F, Code 16K, EAN/UCC Composite Codes, TCIF Linked/TLC39	PDF417, MicroPDF417, Truncated PDF147	MaxiCode, Aztec Code, Data Matrix Squared, DataMatrix Rectangular, QR, Micro QR

Supported Software

Smartphone/PDA Operating Systems	Android, iOS, Windows Phone, BlackBerry 10
Development Environments	Android Studio, Eclipse, Xcode, Visual Studio
Development SDK	SDK available through Free Membership in our Software Developer Program
Free Software available on every app store	Keyboard Wedge and Demo Program for all platforms and Grabba Browser for iOS

Grabba Technologies available:



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