



1 MRZ READER TECHNOLOGY YOU CAN HAVE IN YOUR GRABBA

XX40 Series – MRZ Reader.

The Grabba MRZ (Machine Readable Zone) reader will read the MRZ information from Passports, Visas and Identity cards, like Spanish, Chilean or Peruvian ones.

The Grabba Passport and Visa Machine Readable Zone (MRZ) Scanner is an optical character recognition (OCR) swipe reader for applications such as scanning passports, identity documents and travel documents.

The Grabba MRZ Reader is capable of reading machine readable passports (MRP), visas (MRV) and OCRB encoded cards such as the US Resident Alien card and European national ID cards. In addition, APACS debit and credit documents can be read (APACS standards 3.1 and 3.2, respectively), together with E13B, OCRB and mixed E13B and OCRB fonts.

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

The Grabba MRZ reader uses the latest in optical character recognition technology to enable fast and first time reads of the Machine Readable Zone on documents. With identity checking applications often you need more than one reading technology to properly carry out your task. With Grabba you can read virtually every type of identity credential in the one device.

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

Applications for the Grabba Fingerprint Scanner device include:

- Law Enforcement identify checking
- Queue busting at airport check-in
- Security checks at airport boarding gates
- AQQ and APIS generation



MRZ READER SPECIFICATIONS

General Specifications

Size	130 x 70 x 43mm (5.11" X 2.75" X 1.7")
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 Passport and Visa Machine Readable Zone 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

Standard OCR fonts	OCR-B and E13B
Machine readable passports	2 lines of 44 characters
Machine readable visas	2 lines of 44 characters
Travel documents	2 lines of 36 characters 3 lines of 30 characters
Field of view object height	19.6 mm nominal

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



I'M A SOFTWARE DEVELOPER WHAT TOOLS DO I NEED ?

The Grabba will work out of the box using the keyboard wedge driver (available as a free download). The keyboard wedge works by putting the captured data wherever the active field is.

For complete control within your application use the Grabba SDK. With the SDK you can control where the data goes and have control over the Grabba's operation. The SDK also allows you to fully utilise technologies that allow 2 way data. Demonstration applications are included with the SDK. The FREE SDK is available to members of the Grabba Software Developers Program.

Members of the Software Developer Program can also access specialised hardware development tools such as the Grabba debug bridge. This allows you to connect your Grabba to the smartphone simulator. Simply request this tool with your first Grabba order.

Unleash the full potential of your applications, join today at www.grabba.com/developer

Grabba Technologies available:



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