



H Series

Grabba H-Series is a handheld device to be used with Tablets. It is designed and developed specifically to serve the needs of **Law Enforcement, Security and Border Protection, Emergency Response Corps, Forensic and Investigation** and of any other security or military corps in need of **Mobile Biographic Validation**. **H-Series** devices are handy, rugged, extremely fast and reliable.

H-Series for:

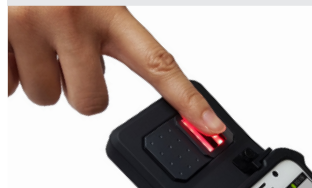


Barcode scanner



This high performance **1D and 2D barcode** reader works in all lighting conditions. With the X400 you can read virtually every 1D, 2D barcode, even from a screen. X400 can read the **PDF147** barcodes used in **National IDs and Driver Licenses**.

Fingerprint scanner



The **FAP10 Fingerprint** reader modules are based on **Morpho's proprietary optical technology** and biometric algorithms. All our Fingerprint modules are **PIV certified by the United States FBI**.

MRZ reader



The Grabba MRZ reader is an Optical Character Recognition (OCR) swipe reader that is able to decode the information contained in the MRZ of **Machine Readable Travel Documents (MRTDs)** like **Visas, e-Passports and National IDs**.

Contact SmartCard reader



Reads and writes to the card microcontroller with T=0 and T=1 protocol. Compatible with Siemens, ATmel and STMicroelectronics cards. X010 can access and read the **chip in National IDs, Health Insurance cards, etc.**

About Grabba H-Series

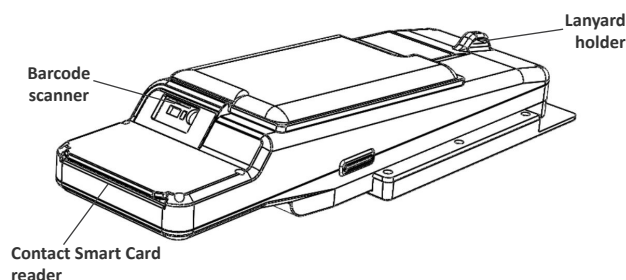
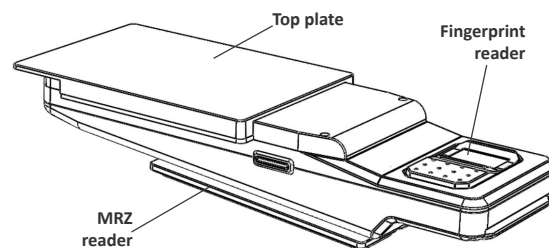
General Specifications

Size w/o tray	225 x 70 x 49 mm
Weight w/o tray	330 g approx.
Drop tests	Withstands multiple 1.5 metres drops to concrete
Relative Humidity	5-95% (non-condensing)
Built-in Battery	Internal Rechargeable Li-Po 3.7V
Battery Capacity	3600 mAh
Charge Time	up to 5 hrs
Standards and Compliance	FCC-Part15, CE, C-Tick (N14052), RoHS
Whats in the Box?	1 x H-Series Device, 1 x User Guide
Warranty	12 months from date of purchase (see warranty statement for details)

Note: This is a guide. Specs may vary due to final configuration.

Supported Software

Smartphone Operating Systems	Android, Windows 10
Development Environments	Android Studio, Eclipse, Visual Studio 2015.
Development SDK	SDK available through free membership in our Software Developer Program



Top Plate



The H-Series devices' top plate include an ingenious solution. The unit can be **easily upgraded** to later Tablets without changing the Top Plate and so keeping the **Total Cost of Ownership low**.

Rugged



The Polycarbonate plastic used for this device is **extremely impact resistant**. It is common used for **riot police shields, bullet-proof windows and containment barriers**. Thus, the plastic alone provides significant **ruggedness against drops and bumps up to 1,5 metres high**.

Secure USB Connection

As the Grabba device plugs into the USB port of the Tablet, all communication and data transfer are hard-wired, more secure and reliable than wireless transmissions like Bluetooth®.

One solution, One charger

The Grabba connection to the tablet will charge the Grabba without a need for an external charger. Just use your Tablet for charging the Grabba.

Wide Compatibility

The unique Grabba design ensures that Grabba units are compatible with a wide variety of commercially available Tablets.

Technical Support

The Grabba engineering and support teams are constantly developing and improving the Grabba solutions and are available to assist customers with any issues they may have.

Upgradeable

The unique Grabba design allows the Grabba device to be quickly and easily upgraded to attach to and work with later model tablets / phones and to add new technologies if required by changing use-cases. This benefit greatly reduces the Total Cost of Ownership of Grabba devices.

Instant Wakeup

No need to wait! The Grabba device wakes instantly when plugged into tablet and doesn't need to be paired. Just start application and start scanning.

About Grabba International

Grabba International is the world-leading manufacturer of data capture devices to attach to phones and tablets to securely access, collect and process data available in symbols, tokens, proof-of-identity documents and biometric identifiers. Grabba International designs, engineers, develops and manufactures all of their products in Brisbane, Australia.

Grabba devices can be provided with between one to seven of the following technologies: Barcode Scanners (1D & 2D), Contact Smart Card reader, Magnetic Stripe reader, MRZ (ePassport & ID Card) reader, RFID readers (Low Frequency, High Frequency, Ultra High Frequency, Dual Frequency HID iCLASS-SE) and Fingerprint scanner.

Grabba units have been successfully utilized in almost every vertical market in more than 80 countries.

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Corporate HQ Office
Unit A, 163 Ingram Road,
Acacia Ridge, QLD, 4110
Australia
Phone: +61 7 3344 6599
Email: sales@grabba.com
www.grabba.com