



GrabbaONE Rugged.

Rugged Field Identity Solutions Redefined.

A powerful and rugged device designed to capture biometric and biographic data in the most challenging environments with IP and MIL Ratings.



Contact Smart Card
Reader, EID



Dual Frequency RFID
Reader, HID, Passport,
Contactless Payments*



Iris Capture,
Enrolment and
Verification



Area Imaging Barcode
Scanner (1D & 2D)
MRZ



FAP10, 20, 45
Fingerprint Scanner
FBI Certified

About GrabbaONE Rugged

The Grabba **ONERugged** incorporates the latest technologies into a unit that empowers retailers, logistics providers, government departments, police and law enforcement to execute safer and more reliable identity validation. Built-in Grabba's highly sophisticated AS9100D-certified production facility, the ONE Series offers a best in class solution.

General Specifications

Phone Compatibility	Most consumer phones with universal phone Mag-Tray™ adapter, selection of common bumper phone Mag-Tray's™ available
Operating Systems	Android, iOS
Charging	USB-C 65W PD phone and Grabba charging, wireless charging optional
Dimension	85mm W x 163mm L x 42.7mm T
Enclosure	IP and MIL drop rated polycarbonate enclosure with durable rubber bumpers
Grabba Battery	High Capacity 6000 mAh
Software	Android and iOS SDK and Demo Apps Available



Why Choose Grabba?

Rugged

The design of the Grabba devices has been made with polycarbonate and TPE rubber to endure shocks, vibrations and impact resistance.

Secure Connection

The Grabba device plugs into the USB port allowing all communication and data transfers to be hard-wired, making them more secure.

Callout Key

- A - Connected Smartphone
- B - Power and Status LEDs
- C - Fingerprint Scanner
- D - Mag-Tray™ Case
- E - Barcode + MRZ Scanner
- F - Ambidextrous Buttons
- G - External USB-C Charge Port
- H - Smartcard Reader
- I - RFID/Payment Reader
- J - Iris Scanner
- K - Docking Connector

Detailed Biometric and Data Technology Specifications

Fingerprint Scanner: The Grabba One-Rugged can be configured with an FAP10, 20, or 45 Fingerprint Scanner. It is perfect for mobile ID checking and verification. Currently used successfully for border protection, law enforcement, voter registration and high-security sensitive sites.

Barcode Scanner: The Grabba One-Rugged can be configured with the powerful Honeywell N6600 scan engine providing high-end scanning capabilities for 1D and 2D barcodes, and MRZ with the option to incorporate LED or laser aiming.

Contact Smartcard Reader: The Grabba One-Rugged with Contact Smartcard Reader reads national ID cards, transport, security, membership, and store payment cards. Compatible with Siemens, ATmel and ST Microelectronics cards.

RFID Reader: The Grabba One-Rugged can be configured with a dual-frequency HID Omnicore RFID reader that adds mutual authentication and data encryption to the card scanning process, ensuring security and privacy. Reads and writes onto both 125 kHz and 13.56 MHz tokens, cards and tags, and supports all common payment, ISO14443A/B documents including ICAO9303 compliant passports, and data standards, including DESFire®, Felica™, Mifare® and NFC.

Biometric Technologies



Fingerprint Capture

One to ten fingers in amazing high resolution and accurate detail.



Iris Recognition

Single and dual iris capture and recognition in a portable module.



Facial Recognition

Powerful algorithms for face detection, identification and authentication.

Data Technologies



Passport Reader



Magnetic Stripe Reader



Contact Smartcard Reader



RFID



Barcode Reader



Machine Readable Zone

About Grabba

Grabba enables secure and effective identification and data processing for individuals, businesses and organisations. As a trusted authority in identity technology, Grabba is uniquely positioned to empower the digital transformation of the organisations it serves.



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