

Meet the Hardware

The biometric identification technologies we trust



Biode®

Protecting people and assets.

In our space, there is zero margin for error

Our biometric identity management solutions must be accurate, robust, and dependable – including the range of biometric devices we integrate.

We believe biometric technologies offer the most secure and irrefutable tools for effective identity management, which is why we are committed to bringing these products to the business world.

Get Biode!

Speak with a biometric expert today

✉ sales@biode.com.au ☎ 1300 605 036

Discover world-leading biometric identification technology...

When it comes to biometric technology, Biode's solutions are future-proof and proudly brand agnostic. Although we have our favourite industry-leading products (shown in the following pages), we can integrate biometric devices from almost any vendor.

Biode offers unparalleled flexibility and peace of mind because our clients are never locked into any single hardware provider or biometric modality.

Discover the world's most advanced biometric identification technology... the choice is yours!





FINGERPRINT SOLUTIONS

Fingerprints have been a trusted identity measurement since the Qin Dynasty, 200BC. Today, IDEMIA sets the benchmark for fingerprint identification technology – managing over 4 billion fingerprints worldwide - and offers an exceptional range of superior fingerprint readers designed to meet the diverse security and operational requirements in today's business landscape.

Meet the IDEMIA MorphoWave Compact

Leading the world in touchless fingerprint technology.

The IDEMIA MorphoWave Compact is a powerful, touchless multi-fingerprint scanning device that leverages advanced AI to identify users with maximum speed and security.

TOUCHLESS

Hygienic and safe fingerprint scanning

THROUGHPUT

High ingress capacity; up to 60/min

AUTHENTICATION

Multi-factor (fingerprints, card, mobile)



More details on the MorphoWave Compact:

Diverse conditions:	Use in indoor and outdoor environments (IP65)
Fingerprint quality:	Accurately scans damaged fingers
Precise fingerprints:	3D-scan of four fingerprints in < 1 second
Versatile configuration:	Mount on walls, turnstiles, gates, pedestals
Superior reliability:	Equipped with anti-fraud technology
User capacity:	Up to 100,000 users, or unlimited w/ Biode software
Transaction capacity:	Up to 1 million transaction logs on device
Storage capacity:	16GB Flash, 2GB RAM
Dimensions (HxWxD):	250*152*216 mm
Device weight:	2.2 kg
Contactless reader options:	Prox, iClass, MIFARE/DESFire, SEOS, HID mobile access

Meet the IDEMIA SIGMA Range

A series of six highly versatile fingerprint devices.

The IDEMIA SIGMA Range is a suite of products designed for superior performance across diverse operational applications.

The SIGMA Range offers functional versatility and includes:

- SIGMA Lite Bio: small device for fingerprint only (optional smartcard reader)
- SIGMA Lite+: as above, w/-4.5" touchscreen (optional smartcard reader)
- SIGMA Wide: optimised for Time & Attendance, w/-5" touchscreen
- SIGMA Extreme: the ultimate device for harsh environments w/-5" touchscreen



PERFORMANCE

Cutting-edge technology - accuracy, security, speed

VERSATILITY

6 device options offer unprecedented versatility

DURESS SYSTEM

Unique duress signalling and alarm trigger capabilities

Note: product specifications vary based on the device. Refer to detailed product brochures.

Diverse conditions:	Use in indoor and outdoor environments (IP65)
Anti-fraud capabilities:	Fake Fingerprint and Face detection options (picture logging)
Seamless user interface:	Intuitive and flexible for easy user experience
Videophone functionality:	Call-in support and surveillance functionality
Programmable keys:	Up-to 16 programmable function keys
Authentication:	Multi-factor (PIN and BioPIN codes)
User capacity:	Up to 100,000 users, or unlimited w/- Biode software
Transaction capacity:	Up to 1 million transaction logs on device
Storage capacity:	512MB Flash, 1GB RAM + 8GB MicroSD Card
Dimensions (mm - HxWxD):	Lite: 156*68*62; Wide: 153*151*58.5; Extreme: 301*142*97
Device weight:	Lite: 280 g; Wide: 470 g; Extreme: 1600 g
Contactless reader options:	Prox, iClass, MIFARE MIFARE Plus, DESFire, NFC

As biometric technology has evolved, so too have the methods to identify people accurately and reliably. Iris recognition technology is widely considered the most accurate biometric modality - it is highly dependable, touchless, and near-impossible to spoof. Iris biometric solutions will continue to grow in popularity as commercial adoption increases. IRIS ID is the global leader in iris technology and sets the industry benchmarks for iris identification.

Meet the Iris ID iCAM

Leading the world in touchless iris scanning technology.

The Iris ID iCAM 7000S and R100 devices offer powerful features that no other iris recognition system is yet capable of achieving. Each device enables rapid iris acquisition with larger image collection for superior user enrolment and recognition.

TILT-ASSIST (7000S)

Automatic iris scanner tilting to accommodate all users

DUAL IRIS

Dual iris capture for added security and accuracy

CONTACTLESS

Hygienic, non-intrusive and non-contact user interface



iCAM 7000S



iCAM R100

Note: product specifications vary based on the device range. Refer to detailed product brochures.

High accuracy:	1:N and 1:1 matching, on-server or on-device
High throughput:	High ingress capacity matching in <1 second
Authentication:	Multi-factor authentication – 2F & 3F Iris+Card+PIN
Functionality:	Time & Attendance and access control capabilities
Integration:	Seamless integration with third-party PACS
User capacity:	Up to 100,000 users, or unlimited w/- Biode software
Transaction capacity:	1 million transaction logs on device, unlimited on server
Superior reliability:	Equipped with anti-fraud, fake iris detection
Contactless reader options:	HID Prox, iClass, MIFARE, DESFire
Remote management:	For convenience and practical usability
Easy set-up:	Seamless installation and flexible integrations
Dimensions (HxWxD):	211*178*64 mm
Device weight:	1.6 kg

Meet the Iris ID iT100

Advanced fusion of iris and facial recognition technology.

Iris ID's iT100 is one of the most advanced contactless biometric devices available today. Boasting an iris & Face fusion biometric, combined with a large capture volume, the iT100 enables exceptional authentication speed and flexibility.



iT100

MULTI-MODAL BIOMETRIC

Iris & face fusion biometric for ultra-security

MATCHING SPEED

Simultaneous iris and face biometric capture <1 second

SECURITY

Proven anti-tampering and fraud detection features

Iris/Face fusion:	Use in Iris only / Face only / Iris + Face fusion mode
Contactless authentication:	Non-intrusive and non-contact user interface
7" Multi-touch display:	On-device settings and user enrolment
Tilt-assist:	Automatic iris scanner tilting to accommodate all users
User capacity:	Up to 10,000 1:N users, 100,000 1:1 users
Transaction capacity:	1 million (Iris), 100,000 (Face) transaction logs on device
Advanced security:	Encrypted information and Secure Boot platform
Large capture range:	Quickly and easily authenticate users whilst in motion
Open android platform:	Enables customisable app. development and integration
Storage capacity:	16GB of memory
Dimensions (HxWxD):	137*180*30 mm
Device weight:	543 g



FACIAL RECOGNITION SOLUTIONS



Reliable identification:	Wide angle image capture for all person types
Fast throughput:	Efficient ingress ability; up to 30/min
Facemasks:	Identify users with hygiene facemasks + mask control
Authentication:	Multi-Factor (face, card, mobile, QR)
Alternative access:	PIN code options + QR for visitors
User friendly:	Seamless installation, enrolment, ease of use
User capacity:	Up to 40,000 users, or unlimited w/- Biode software
Transaction capacity:	Up to 1 million transaction logs on device
Dimensions (HxWxD):	325*143*110 mm
Device weight:	2.1 kg
Contactless reader options:	HID Prox, iClass, MIFARE/DESFire, SEOS

Meet the IDEMIA VisionPass Leading the world in facial recognition technology.

As facial recognition builds momentum in the mainstream market, IDEMIA's VisionPass is the trusted technology for organisations that require dependable biometric identity management to protect their business.

The VisionPass offers an advanced solution for ingress and egress in high-traffic areas with technology that sets the benchmark for accuracy, efficiency, and ease of use.

The VisionPass is designed to exceed expectations in the most demanding environments while remaining cost-effective for low and medium-security facilities.

MOTION VERIFICATION

Touchless device for fast throughput up to 30 user/min

VERSATILE OPTICAL SET

Infrared, 3D and visible light lenses

ANTI-FRAUD TECHNOLOGY

3D scanning, antispooft and liveness detection

MEET BIODE'S KIOSKS

Reliable and robust biometric kiosk enclosures.

Our trusted suppliers of biometric hardware are globally recognised innovators. To take the user experience to an unparalleled level, Biode offers bespoke kiosk enclosures to enhance usability and functionality of biometric technologies in demanding business environments.

Our robust, light-weight and stylish kiosk solutions are purpose-built to meet your unique operational requirements.

SUPERIOR QUALITY

Built with dependable Intel NUC mini PC componentry

CUSTOMISABLE DESIGN

Choice of biometric modalities and devices (Iris, Face, Fingerprint)

MODULAR CONSTRUCTION

Allows easy on-site maintenance and servicing



Custom Biode Kiosks

Warranty:	3-year return-to-base parts and manufacture warranty
Usability:	Intuitive and easy-to-navigate user interface
Support:	In-house software technicians provide fast and helpful support
10" Touchscreen:	High-contrast, industrialised touchscreens enhance user experience
Functional design:	Stylish design with a range of modern colour finishes
Durability:	Strong and durable, designed and manufactured in Australia
Power options:	External/internal power options
Mounting:	Flush wall mount
Secure:	Anti-tamper and vandal resistant
Optional peripherals:	RFID readers, digital IO

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