

# PRECISE BIOMATCH™ EMBEDDED

## FINGERPRINT ALGORITHM FOR EMBEDDED SYSTEMS AND DEVICES

### PRECISE BIOMATCH EMBEDDED

Precise Biometrics offers acknowledged fingerprint verification technology for integration in different hardware such as mobile devices, point-of-sales terminals and biometric readers.

Precise BioMatch Embedded is optimized for small sensors in any environments and is available for a variety of operating systems.

Precise BioMatch Embedded is sensor independent and can be integrated in any device with a sensor for fingerprint authentication.

Precise BioMatch Embedded in personal authentication tokens, electronic wallets, PC-peripherals, gun-locks, door-locks, secure elements etc



### OPTIMIZED

Optimized for small sensors in mobile environments through a unique hybrid algorithm.



### PROVEN

Proven fingerprint recognition algorithm integrated in numerous smartphones through market leading vendors.



### INTEGRATION

Precise BioMatch Embedded can be customized to fit any operating system and platform. A modular design gives customers the ability to optimize and select functionality depending on implementation requirements.



### STRONG PORTFOLIO

77 approved patents  
18 product families  
15 patent applications

Small sensor patent  
EP 1150 608 BI



### INDEPENDENT

Precise BioMatch Embedded works with any sensor type and can be further optimized for specific sensors and sensor environments.



### SUPPORT

We provide support for integration, architecture & design, optimization, validation, UX and app development.

## SPECIFICATIONS

### **Precise BioMatch™ Embedded includes:**

- Fully implemented enrollment and verification controllers
- Modules for standardized functionality such as quality assessment, extraction, matching and anti-latent
- Sample code for non-standardized functionality such as sensor interaction
- Multiple template support for enrollment on small sensors
- Dynamic update of template after enrollment
- Additional or alternative modules delivered upon request
- Support for NEON instructions where available

## TECHNICAL SPECIFICATIONS

The technical specifications will depend on selections made by the customer included functionality and sensor size. The delivery can be adapted to suit the specific platform.

### **For detailed technical specifications please visit:**

<https://precisebiometrics.com/products/fingerprint-recognition-software/wearable-car-iot/>