



FINGERPRINTS

# MAKE THINGS GENIUS WITH FPC-BEP BIOMETRIC SOFTWARE PLATFORM FOR ACCESS

MAXIMIZES SPEED, USER EXPERIENCE, AND SECURITY OF  
THE ACCESS SENSOR SERIES

## FPC-BEP BIOMETRIC SOFTWARE PLATFORM FOR ACCESS

Fingerprints' Biometric Software Platform (FPC-BEP) is a C software library that contains end-to-end biometric functionality, such as sensor control, image processing, template handling and matching. FPC-BEP also provides a full biometric API for easy and reliable integration in embedded systems.

When combined with a microcontroller unit (MCU) or secure element (SE) and an FPC fingerprint sensor, a complete biometric system with fingerprint authentication is obtained that can be implemented in virtually any embedded host application environment.

Biometric performance can only be assured when the whole package is considered; hardware and software working in harmony. By controlling all parts of the system, they can be adjusted as one to balance and customize security and convenience.

## BENEFITS

- Optimized image capture with high image quality
- Actively adapts to various use cases and conditions, both indoors and outdoors
- Verification time <1sec\*
- Quick start-up <1ms from power to image capture
- Image scan & transfer time <40 ms @5MHz SPI
- Fingerprint templates are stored on the card following payment system standards and ensures that no secrets leave the card
- Tools for biometric performance evaluation and tuning, and for diagnostics during usability tests

*\*Depending on number of users enrolled in the system*

## FEATURES

Value adding software features for an excellent user experience any day, every day:



Instant wakeup  
functionality



Recognize a finger  
from any angle



Self-learning capability  
adapting to user's hanging  
conditions



Designed to  
maximize security



Captures and  
verifies a fingerprint image  
less than 0.3 seconds