

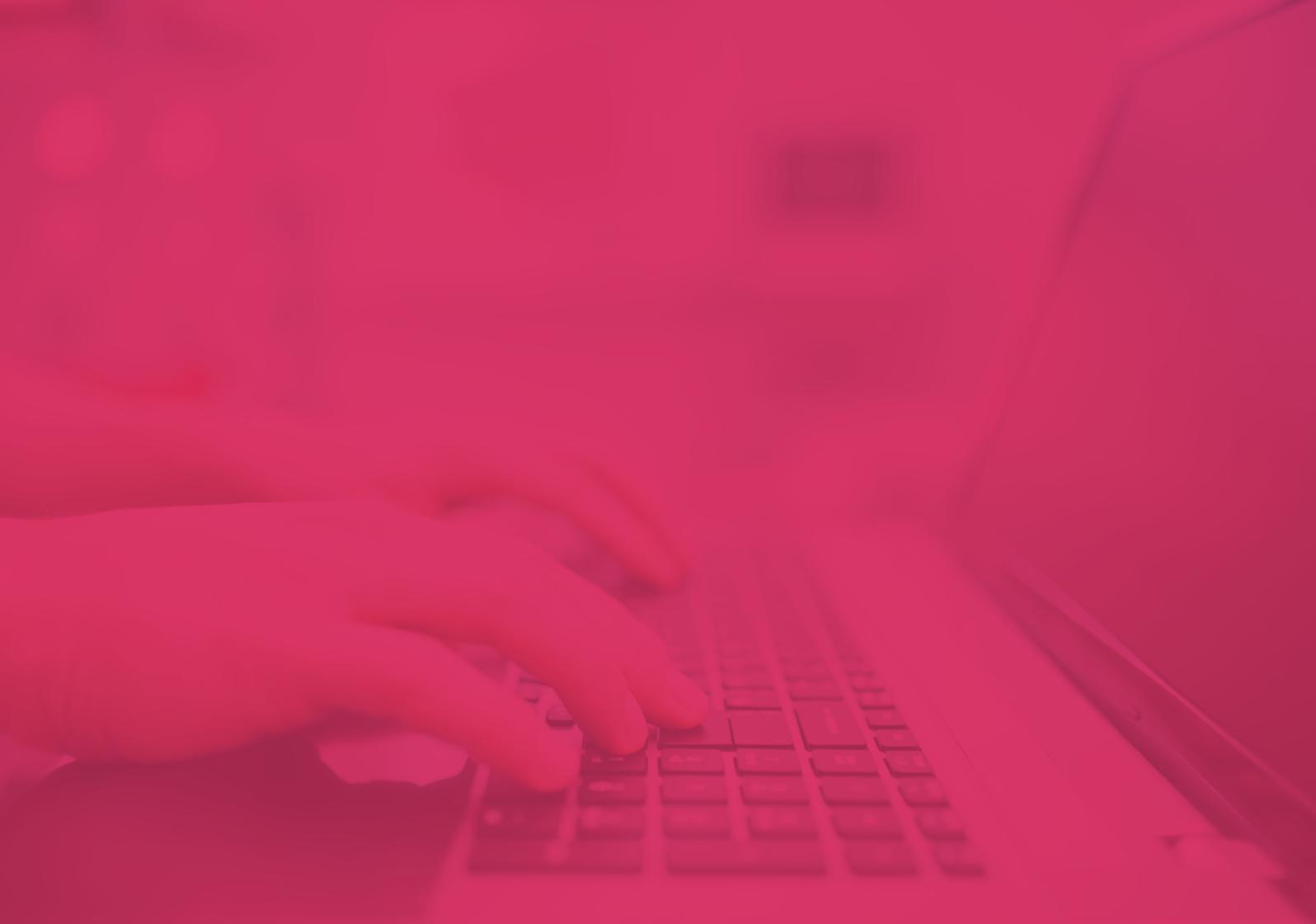


PC & PERIPHERALS

MAKE IT PERSONAL



FINGERPRINTS



YOU ARE THE KEY TO EVERYTHING

Today the computer is a big part of our everyday life. The boundaries between professional and personal use are fading. For some they are nonexistent. Regardless of which, we need to identify ourselves on our computer several times a day. For this we are required to remember a heap of passwords. With our biometric solutions you can, not only, protect and secure your laptop or your desktop, but also add it to peripherals like mouse and keyboard, making your PC truly personal. Forget your passwords, because you are the key to everything.

A FUTURE WITHOUT PASSWORDS

The ways and applications for our biometric solutions in a PC are endless. Unlock your device and verify yourself by a quick touch and make safe and secure payments, sign in to accounts, and navigate the screen. Store your credentials safely and say bye-bye to all of your long and hard to remember passwords.

PERFECT PLACE FOR A HUMAN TOUCH

When you use peripherals they are an extension to your PC and are often literally under your hands and fingers being a natural host to our biometric solutions. With this, passwords are a thing of the past. Now you can identify yourself, navigate the screen just by the touch of a finger.



BRANDED FEATURES



ENROLL YOURSELF BY A QUICK TOUCH

With only a few and quick touches you are enrolled and can start using the fingerprint sensor to unlock and verify yourself on your device.



ONE TOUCH AND YOU'RE ON

With virtually no power consumption this feature can be at your service all the time letting you access and unlock devices with a simple touch.



THE FASTEST UNLOCK YOU EVER MADE

It takes less than 0.1 seconds to verify your fingerprint and trigger activities like unlock a device, open applications or confirm payments.



EVOLVING ALONG WITH YOU

With every touch, our self-learning algorithm keeps learning more about you. Adapting to your changing finger conditions, e.g. cuts and seasonal changes.



SAFE TO SAY IT'S STATE OF THE ART

Anti-spoofing has never been better and this solution adds an extra level of security to your device and applications.



MOVING UP A NOTCH

Your biometric sensor is not just for identification. This feature lets you intuitively navigate, scroll, swipe and set up smart short-cuts with your fingertips.



YOUR TOUCH FROM ANY ANGLE

Allows the sensor to read and match your fingerprint from any angle with outstanding accuracy, precision and performance.

FINGERPRINTS BIOMETRIC PC & PERIPHERAL SOLUTIONS

GENERAL DESCRIPTION

Building on extensive experience from eighteen years of fingerprint touch sensor deployments and patented capacitive sensor technology, the fingerprint touch sensors and fingerprint recognition algorithm is optimized for integration into PC and PC peripherals. Compact size and ultra-low power consumption makes it optimal to use in wireless applications like keyboards and mice. Fingerprint image data is captured in three dimensions (3D) delivering superior image quality at 508 dpi resolution. The proven fingerprint recognition algorithm, together with the fingerprint touch sensors performs fast fingerprint matching with highest security level and optimal user convenience.



The flexibility of our solutions lets design be the boss



Excellent 3D image quality and fast verification time



Ultra-low power consumption



Our versatile solutions let you identify, unlock, activate, turn, move, scroll and much more



Industry leading matching algorithm with self-learning capability

SUPPORTED SENSORS



FPC1025



FPC1028



FPC1035



FPC1145



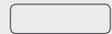
FPC1155



FPC1235



FPC1245



FPC1268

INTERFACE	4 pin high-speed SPI							
SUPPLY VOLTAGE (VDD)	1,8V							
ESD PROTECTION	± 30kV							
OPERATING TEMPERATURE	- 40°C to + 85°C							
WEAR-AND-TEAR	> 10 million cycles							
PIXEL RESOLUTION	508 dpi							
SPRAY COATING	√	√	√	√	√			
UNDER CERAMIC						√	√	
UNDER GLASS								√