

## Optical Fingerprint Sensor - OFS001

The Lowest Cost Fingerprint Sensor



### ❖ Description

Among all the biometric techniques, fingerprint-based identification is the oldest method, which has been successfully used in numerous applications. In this digital world, data transferring is more frequently than ever, which means the needs of security existing everywhere in our daily lives. The Optical Fingerprint technology provides an extremely clear fingerprint images from the surface of finger skin, so that the result of identifying is more accurate. It also provides highly security than other encryption methods.

Mantra Softech manufactures Optical Fingerprint Sensor OPF001 is equipped with advanced Fingerprint capturing Technology. They can get fingerprint images in a second, and verify the image from the fingerprint database immediately. Not only provides high security, the Fingerprint Recognition System also keeps your data in confidential all the time, even in the circumstance of multiple users using in the same PC. In addition, by combining the device with BioLogon software, the recognition system offers the user a high security, and easy to operate on your Windows system. It means that the BioLogon software is suitable for any kind of applications, and also meets the goals of personalize and security.

OFS001 Sensor comes with the high end software development kit to capture the image from the sensor, identify the image with the already stored image in the database. The clear and high quality picture provided the very accurate identification and verification.

### ❖ Applications

- ▶ Access control & time attendance
- ▶ Networking security
- ▶ Banking and trading security
- ▶ ATM and POS system

**❖ Specifications**

Fingerprint Sensor	: CMOS Reader
Hardware Interface	: USB V1.1
Resolution	: 500 dpi
Capture Area	: 13 x 13 mm
Dimension	: 80 x 45 x 35 mm
Operating Temperature	: 0 Deg C - 70 Deg C
Image Capture Time	: 8 frames/sec.
Verification Time	: < 1 sec.
FRR	: 1/100
FAR	: 1/100,000
Power Consumption	: Max Current < 150mA
Switch Life	: 1,000,000 cycle life
Supported OS	: Win98SE/ME//2000/XP/Linux

Specifications are subject to change without notice.

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