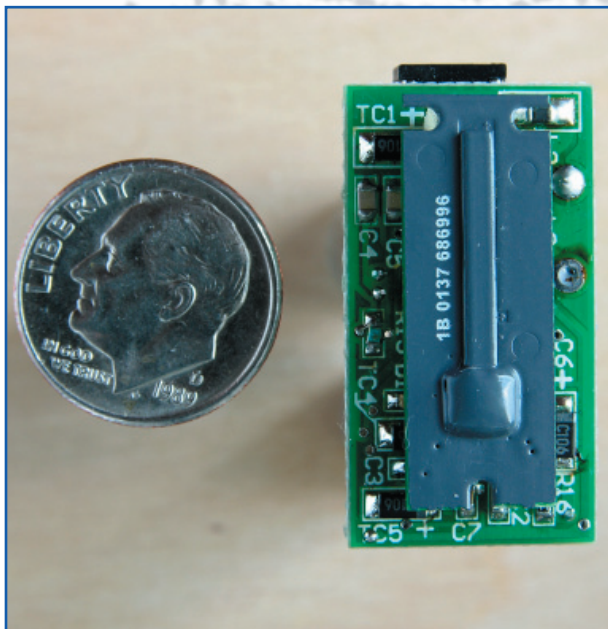


# FIRSTOUCH™ FLASHDRIVE MODULE

## Flash Drive Module Datasheet

### Description:

ODIS's newest module offering leverages ODIS's FirstTouch™ Embedded Fingerprint Module technology into a low cost, USB, flash drive module. The module incorporates the latest in cost reduced fast ARM processor core, on board embedded code requiring no software on the PC, an on-board flash controller and Atmel's Fingerchip™ low cost swipe sensor. The on-board memory controller can access up to 2GB of Flash memory. All processing is done on the module, making it self contained and transportable to any USB host without the complexity of added software. The module can accept up to 25 users and has a built in user interface based on LED feedback for registration and accept/fail. Just plug it in, swipe your finger and you're reading or writing to the Flash Drive. All data is 128 bit AES encrypted when writing to, and decrypted when reading from, the drive. This is the most secure, and simple device on the market today. This module can also be used for mini-drives.



### Features:

- ODIS's proven and patent pending extraction, matching and image assembly algorithms.
- Full AES 128 bit encryption of data.
- Tamper-proof hardware module construction.
- Full CE, FCC certifications with all modules.
- 500 DPI resolution.
- Flash drive can be partitioned for secure and non-secure data.
- All program, algorithm and user templates are stored on chip and encrypted for ultimate tamper proof security.
- ODIS's patent pending tamper proof high security mode to virtually eliminate any false accesses.
- Compatible with USB 1.1 or 2.0.
- Compatible with all Windows platforms supporting USB.
- Compatible with Apple's Macintosh OS X with USB.

### Specifications:

- Expanded operating temperature range -20 to 70 deg C.
- Power 150ma typical, provided by USB port.
- ODI's proprietary intuitive User Interface. Includes simple LED feedback, registration, matching, fail, accept, and high security mode.
- Up to 25 users and 2 administrators can be registered.
- Encryption and decryption up to 8 Mb/sec.
- Match time is under 0.5 seconds. (first five users)
- Dimensions – 16mm x 24mm x 6mm.

### Options:

- Array sensors can be implemented upon request. ODIS's modules are compatible with many sensors. Please inquire.
- Full turnkey manufacturing of Flash Drive or a module can be provided.
- Dimensions – re-layout of the board can be done to fit a particular ID.



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