

## OPERATIONAL DESCRIPTION

### 1.1. Product description of the CERTIS product

# CERTIS

## FINGERPRINT READER



### GENERAL DESCRIPTION

CERTIS™ is a fingerprint reader. This device offers basically high quality image of fingerprint using TWAIN standard API.

### KEY FEATURES

- 500 dpi fingerprint image
- USB 1.1 (Bus powered)
- TWAIN compatible API
- User friendly
- Sweeping thermal sensor
- Red LED for biometrics operations on the top.
- Plug & Play installation

### SPECIFICATIONS

- Size 67 x 49 x 24 mm
- FCC, CE Marking.
- 500 dpi FingerChip™ based imaging system.
- Finger motion speed : 15 cm/s max.
- Operating Power consumption : typical 150 mA
- Operating temperature : 0 – 50° C
- Drivers : Windows98 SE, ME, 2000, XP (depending on version)
- API TWAIN : image acquisition



### APPLICATION DOMAINS

- Easy logon
- Computer & laptop access
- E mail signature
- ...

Real size

### CERTIS IMAGE RANGE

- Certis Image is delivered with a TWAIN driver to perform high quality fingerprint images acquisition to be used with a wide range of biometrics software.
- Certis Image Developer Pack includes a Certis Image reader and a Software Development Kit constituted of a driver, a programmer documentation, an example program (Visual C++ 6.0 or higher) and one year of technical support.
- Certis image is also available in bulk package.

### CERTIS BIO RANGE

- Certis Bio is delivered with a biometrics logon and a Windows 2000 & XP compliant driver.
- Certis Bio Developer Pack includes a Certis Bio, a Software Development Kit constituted of drivers Image & Bio with enrollment, verification and identification functionalities, a programmer documentation, an example program (Visual C++ 6.0 or higher) and one year of technical support.
- Certis Bio is also available in bulk package.

### BIOMETRICS SUITES (AVAILABLE ON [WWW.ORGANTHUS.COM](http://WWW.ORGANTHUS.COM))

- Biometrics secure logon
- Single Sign On
- File encryption

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id3 Semiconductors reserves the right to make changes at any time without notice, in order to improve design and supply the best possible product

id3 Semiconductors - 5, rue de la Verrerie - F - 38120 Le Fontanil Comillon - France  
Tel : +33 (0)4 76 75 75 85 - Fax : +33 (0)4 76 75 52 30 - Email : [contact@id3semiconductors.com](mailto:contact@id3semiconductors.com)

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## 1.2. Related Submittal(s) / Grant(s)

All host equipment used in the test configuration are FCC granted, when relevant.

## 1.3. Tested System Details

The FCC IDs for all equipment, plus description of all cables used in the tested system are:

Trade Mark – Model Number (Serial number)	FCC ID	Description	Cable description
<b>CERTIS *</b> <b>Sn: 01040029</b>		<b>USB biometric reader</b>	USB cable, shielded (1m attached to the equipment)
PC IBM 300PL Model: 6562-340 sn : 55784X1	DOC	Personal computer	AC mains cable, 1.8m unshielded SVGA standard cable, 1.5m
Keyboard IBM KB-7953		Keyboard	PS2 cable
Monitor HP D2817-60014	DOC	Monitor	AC mains cable, 1.8m unshielded SVGA cable
Mouse TREKKER		Mouse	PS2 cable

\* : Equipment under test

## 1.4. Test Methodology

Radiated testing was performed according to the procedures in ANSI C63.4-2003, FCC Part 15 Subpart B.

Radiated testing was performed at an antenna to EUT distance of 10 meters. Radiated testing was performed at an antenna to EUT distance of 10 meters.

During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

## 1.5. Test facility

Tests have been performed on October 3<sup>rd</sup>, 2005.

The test facility used to collect all the test data is the **LCIE** facility, located ZI des Blanchisseries, 38500 VOIRON, France.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4-2003 in a letter dated July 14, 2005 (registration number 94821).

This test facility has also been accredited by COFRAC (French accreditation authority for European union test lab accreditation organization) according to NF EN ISO/IEC 17025, accreditation number 1-1633 as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.