

OPERATIONAL DESCRIPTION

1.1. Product description of the AT77UR100 2V2

The AT77UR100 is a Fingerprint USB Reader used to scan fingerprints. Its operation is controlled by a PC over a USB bus.

Atmel's FingerChip fingerprint solution for notebook applications offers in one package the most reliable and highest performance fingerprint sensor on the market together with a comprehensive security suite. This device is intended to acquire fingerprints when connected to a Personal Computer. Learn more and download recent updates by connecting to Atmel's Biometrics

Products website at www.atmel.com/products/biometrics.

We also invite you to contact us at support.fingerchip@atmel.com for any assistance we can provide.

Package Contents

- 1 AT77UR100 USB Reader
- 1 CD-ROM
- FingerChip® Security Chipset Flyer
- UR100 Quickstart Guide



ADAPTING UR100 TO YOUR NOTEBOOK

System Requirements

- PC 32-bit or 64-bit with CD-ROM reader
- Windows XP Professional editions, Windows Vista Business or Ultimate editions
- 512 MB RAM
- 1 USB 2.0 communication port available

Demonstration Software Installation

 *Perform Demonstration Software Installation before plugging in your AT77UR100 USB Reader.*

- Insert CD-ROM in your PC
- Select 'install FSP demo' in main page

Note: You must have Administrator rights to run this utility.

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
ATMEL – AT77UR100 2V2 Sn: 0735#021	VP6-AT77UR100B	Fingerprint USB reader	USB Cable (1m)
GATEWAY M/N: NLX-MINI-DT Sn: 0001846667	DOC	Desktop personal computer	Standard AC power cable (1.8m)
Hewlett Packard P/N: C4742-60101 Sn: C990897683	DOC	Keyboard	PS2 cable (1.2m)
Hewlett Packard P/N: C3751B Sn: LZA62831260	DZL211029	Mouse	PS2 cable (1.2m)
Hewlett Packard P/N: D2846 Sn: JP4001000	DOC	Video Monitor	Standard AC power cable (1.8m) SVGA cable, shielded (1.5m)
Hewlett Packard DJ600 P/N: C2184A Sn: SG5AD1C2X5	B94C2184X	Parallel printer	Power cord unshielded. All other cable shielded.
TELEX 700373-000A Sn: none	None	Microphone	Audio cable

*: Equipment under test

1.4. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-2003 and FCC Part 15 Subpart B.

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 1st and 2^{sd}, 2007.

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.