1. GENERAL INFORMATION

1.1. Product description of WIFI INVENTORY READER

The WiFi Inventory Reader is specifically designed for RFID inventory operations in libraries providing maximum ergonomics:

- The product consists of 2 parts; the RFID reader that can be worn on a belt or shoulder strap and the inventory antenna (L-W1). This configuration guarantees minimal weight when held at arm's length.
- The inventory antenna (L-W1) is designed to inventory articles on high or low shelves without the user having to twist himself or bend over, eliminating all back stress. Its flexible antenna makes it easy to slide over books, hugging unaligned items on the shelf.
- The reader exchanges data with the host application through a wireless connection using the WiFi interface, providing the user complete freedom of movement.

The WiFi Inventory Reader is supplied power by a rechargeable battery pack providing a minimum of 2 hours autonomous use in continuous operation. A second battery pack is also supplied making it possible to recharge the first battery pack while the second one is in use. Switching battery packs is a simple operation.

The reader's On/Off switch includes a light that lets the user know when the reader is switched on. This light blinks when the batteries need recharging.

The WiFi Inventory Reader can be worn on a belt or shoulder strap. A belt clip and strap are supplied with the reader for this use.

The WiFi Inventory Reader kit contains the following items:

Table 1: Package Contents

Quantity	Item
1	WiFi RFID reader
1	Wand antenna
2	Battery packs
1	Battery charger

1	*CD-ROM including:*
	• WiFi Inventory Reader User's Guide
	• TAGSYS Software Development Kits including
	  o Medio STX DLL package
	  o Library SDK including DLLs and ActiveX control
	  o Java Package
	  o Inventory demo software with VC++ source code
	• User-friendly Px Explorer software provided for test and debug operations on Windows® 9x, NT®, 2000 and XP platforms
	• Digiconnect WiFi module integration kit
	• Adobe Acrobat reader

1	Welcome Letter / Product Return Form

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
TAGSYS * Erreur ! Source du renvoi introuvable. (sn: proto 1)	QHKWIFILIBINVREAD	RFID tag reader (WIFI connection to network)	Power cable unshielded
TOSHIBA SATELITE S1410-704 (PS141E-04YCM-3V) sn: 13594938G with its power supply unit (PA3201U-1ACA SEB100P2-15.0)	DOC	Laptop Personal Computer	Power cable unshielded USB cable: shielded Ethernet cable: unshielded
NETGEAR WGT624 v3 108Mbps Wireless Router With power adapter Mascot 9725	PY3WGT624V3	Wireless Router	Power cable unshielded Ethernet cable: unshielded
TAGSYS	none	TAG ISO 15693	

*** : Equipment under test.**

1.4. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-2003, FCC Part 15 Subpart C.
Radiated testing was performed at an antenna to EUT distance of 10 meters (F<30MHz) and 10m (F>30MHz). 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 January 4th to 5th, 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.