

GENERAL INFORMATION

1.1. Product description



The components of the L-SP2 EAS system are contained within the L-SP2 pedestal. At least two pedestals are required for each EAS gate. A set of pedestals is known as a gate and may consist of several pedestals. Please see section 8 "[Installation](#)" for more information.

The L-SP2 is built in a one frame:

- A L-SP2 Electronics unit is used to control each pedestal. This electronics unit generates the RF signal transmitted by the antennas and picks up the reply from the RFID tag. If an activated RFID tag is detected, the electronics unit will activate the alarm of the LED/buzzer board on the pedestal.
- These antennas are sensitive receivers used to detect the theft bit status of the RFID tag as it passes through the EAS gate.
- A warning visual and audible device (LED/Buzzer board)
- A remotely accessible people counter equipped with a photoelectric sensor

The components included in the L-SP2 EAS System package are listed in [Table 1](#)

Table 1: L-SP2 EAS System Components

Quantity	Description
1	L-SP2 Pedestal
8	40 mm Philips-head, countersunk screws with a diameter of 6 mm
8	8 mm plastic cement plugs
1	L-SP2 EAS System CD-ROM
1	RS 232 cable (system configuration)

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

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

1.3. Tested System Details

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

Trade Mark – Model Number (Serial number)	FCC ID	Description	Cable description
TAGSYS – L-SP2+Ethernet / 8900 LATTICE * Sn: Proto1	QHKLIBPEDESTALAFI	RFID pedestal reader	Power cable unshielded Ethernet cable: unshielded with ferrite
DELL – Dimension 3100 – DC8M Sn: G0ZVC2J	DOC	Personal Computer	Power cable unshielded Ethernet cable: unshielded
DELL – SK-8115 Sn: CN-OJ4629-71616-668-OLCH	DOC	Keyboard	USB
IBM - MO28UOL Sn: 23-010000	DOC	Mouse	USB
HP – P1100 Sn: 4001000	DOC	21' video monitor	Power cable unshielded Video cable: shielded
TAGSYS - RFID tag (ISO 15693)	-	TAG	

*: 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. 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 June 13th, 2008

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 March 25th, 2008 (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.

There are no electrical differences between the models L-SP2+Ethernet and the 8900 LATTICE. Different model designation is for marketing purposes only.