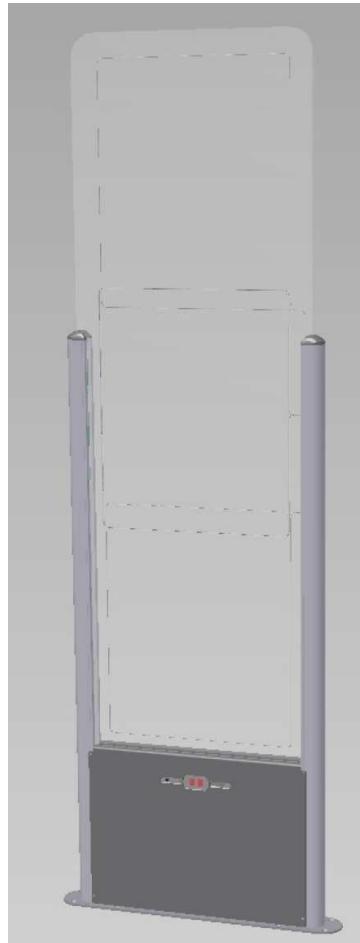


## GENERAL INFORMATION

### 1.1. Product description L-SP3 CLEAR



The components of the L-SP3 EAS system are contained within the L-SP3 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 4 "[Installation](#)" for more information.

The L-SP3 is built in a one frame:

- An L-SP3 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 LED/buzzer alarm
- These antennas are sensitive receivers used to detect the theft bit status and the AFI value of the RFID tag as it passes through the EAS gate
- Visual and audible warning devices
- A remotely accessible people counter equipped with dual light barrier photoelectric sensors.

To operate, the L-SP3 will only need an IEC power supply cable, avoiding unnecessary mains cable wiring up.

An IEC Mains Supply Cord Outlet is available to allow daisy chaining. A series of up to 5 pedestals can be powered up from a single wall socket.

The components included in the L-SP3 Clear RFID System package are listed in [Table 1](#)

Table 1: L-SP3 Clear System Components

Quantity	Description
1	<b>L-SP3 Clear Pedestal</b>
8	<b>40 mm Philips-head, countersunk screws with a diameter of 6 mm</b>
1	<b>2 ways 3.81 mm Green Plugs Vertical Cable Entry with Screw for Synchronization cable</b>

## 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)	Description	Cable description	FCC ID
<b>TAGSYS – L-SP3 CLEAR*</b> Sn: L0922001	RFID pedestal reader	Power cable unshielded Ethernet cable: shielded	QHKLSP3CLEAR
DELL VOSTRO 1710 Sn: T932DA00	Laptop Personal Computer	Power cable unshielded Ethernet cable: shielded	DOC
RDI Model: CL51-15 Sn: 04F0236	Laptop Personal Computer		DOC
NETGEAR WGT624v3 Sn: 1A33637x01258	Switch LAN		PY3WG624V3
TAGSYS - RFID 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. 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 May 27<sup>th</sup>, 2009

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 25<sup>th</sup>, 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.