

OPERATIONAL DESCRIPTION

1.1. EUT description

DATASHEET

TAGSYS RFID™
e-connecting goods

L-SP3 Security Pedestal



BREAKTHROUGH PERFORMANCE

Based on the industry leading TAGSYS Medio L400 electronics, the L-SP3 security pedestal uses advances in Digital Signal Processing (DSP) and RF Front End technology to achieve breakthrough performance in read range and read speed with industry leading signal to noise ratio.

LSP3 is compatible with TAGSYS' Visual Count software enabling statistics and reports on patron traffic in and out the library.

TWO VERSIONS FOR A MULTITUDE OF ENVIRONMENTS

Available in two standard versions, the L-SP3 platform provides customers the flexibility to match performance and aesthetic requirements based on the application:

- L-SP3 Standard - Based on the industry proven L-SP2 look and feel, this version is the solution for customers looking for a high performance, cost effective RFID security system.
- L-SP3 Clear Standard- Designed for environments where aesthetics are a key factor, the clear L-SP3 version couples a sleek profile and high quality acrylic panel with high performance electronics to achieve a best in breed RFID security system.

TAGSYS provides complete, reliable, high performance RFID infrastructure systems for item-level tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, make us the ideal RFID partner to ease and ensure the success of your project.

More information on TAGSYS can be found at: www.tagsysrfid.com



L-SP3 Clear



L-SP3 Standard

L-SP3 SECURITY PEDESTAL

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TECHNICAL SPECIFICATIONS

ELECTRICAL

CHIP COMPATIBILITY:

TAGSYS C370 (NXP SLI), C370-L (NXP SLI-L), Tag-it™HFI (Texas Instruments),
ISO 15693 supporting AFI and read multiple bloc command

SECURITY MODES:

EAS and AFI

COMMUNICATION INTERFACE:

Ethernet

POWER SUPPLY:

85 to 265 VAC/ 50-60 Hz

ALARMS :

Lights and Buzzer

PEOPLE COUNTER:

Integrated bi-directional (counts in and out traffic)
Optional: TAGSYS' Visual Count software suite.

L-SP3 STANDARD MECHANICAL

COMPONENTS:

One pedestal including the integrated antenna and the electronics unit (controller)

DIMENSIONS:

1782 x 556 x 45 mm (70.2 x 21.9 x 1.8 inches)

Base Plate: 620 x 80 mm (24.4 x 3.1 inches)

MATERIALS:

High Quality Plastic UL 94 HB

PANEL COLOR:

Two-tone Gray

L-SP3 CLEAR MECHANICAL

COMPONENTS:

One pedestal including the integrated antenna and the electronics unit (controller)

DIMENSIONS:

1846 x 546 x 45 mm (72.6 x 21.5 x 1.8 inches)

Base Plate: 620 x 80 mm (24.4 x 3.1 inches)

MATERIALS:

High Quality Acrylic UL 94 HB

CERTIFICATIONS

CE
FCC IC (Industry Canada)
UL, c-UL & CB
C-Tick

PRODUCT REFERENCES

L-SP3 Standard: DDP12980
L-SP3 Clear Standard: DDP13054

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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 system was configured for testing in a typical fashion (as a customer would normally use it). All configurations of EUT is considered, worst cases are presented in this test report.

- Internal max frequencies: <108MHz

Power supply:

- 100-240VAC 50/60Hz

Input/output:

- 1 x Power supply AC (P+N+E), unshielded cable, length: 1m
- 1 x LAN, shielded cable, length: 3m
- 1 x Synchro, 2 wires, length: 1m
- 1 x Output AC power supply, unshielded cable, length: 1m

Auxiliary equipment used during test:

- 1 x Laptop, LAN communication
- 5 x TAG

A reading in loop of TAG is performed, with a ping from laptop.
Output power parameter: 4W

Software: ***Library Pedestral Configuration Tool 6.0.0***

1.4. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-2003 FCC Part 15 Subpart B and 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 from July 23rd to 25th, 2013.

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.