IEC REPORT

On Behalf of
SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
Integration and Control Systems

Prepared For: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)
No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
Tel: (86)769-83931277

Prepared By: Shenzhen Anbotek Compliance Laboratory Limited
1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China
Tel: (86)755-26066544
Fax: (86)755-26014772

Date of Test: Jan. 10, 2014 to Jan. 16, 2014
Date of Report: Jan. 16, 2014
Report Number: 201401732S
# TEST REPORT

**AS/NZS 60950.1**  
Information technology equipment – Safety –  
Part 1: General requirements

<table>
<thead>
<tr>
<th>Reference No..........................</th>
<th>201401732S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compiled by (+ signature) ...........</td>
<td>Andrew Li / Project Engineer</td>
</tr>
<tr>
<td>Approved by (+ signature) ...........</td>
<td>July Zhu / Project Manager</td>
</tr>
<tr>
<td>Date of issue ........................</td>
<td>Jan. 16, 2014</td>
</tr>
<tr>
<td>Contents ............................</td>
<td>42 pages (including 5 pages of photo)</td>
</tr>
</tbody>
</table>

## Testing laboratory

- **Name**: Shenzhen Anbotek Compliance Laboratory Limited  
- **Address**: 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China  
- **Testing location**: Same as above

## Client

- **Name**: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)  
- **Address**: No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China

## Test specification

- **Standard**: AS/NZS 60950.1:2011 with amendments 1  
- **Test procedure**: N.A.  
- **Procedure deviation**: N.A.  
- **Non-standard test method**: N.A.

## Test item

- **Description**: Integration and Control Systems  
- **Trademark**: SMART-BUS/ PREUSSEN/ S-MESH  
- **Manufacturer**: SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)  
- **Address**: No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China
<table>
<thead>
<tr>
<th>Address</th>
<th>No. 135, Huancheng Road, Mawu Village, Qiaoli, Changping Town, Dongguan City, Guangdong Province, China</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating(s)</td>
<td>DC 24V</td>
</tr>
</tbody>
</table>
Test item particulars ..................................................: Integration and Control Systems
Equipment mobility ....................................................: ☒ Movable ☐ Hand-held ☐ Transportable
☐ Stationary ☐ For building-in ☐ Direct plug-in
Connection to the mains .............................................: ☐ Pluggable equipment ☐ Type A ☐ Type B
☐ Permanent connection ☐ Detachable power supply cord
☐ Non-detachable power supply cord ☒ Not directly connected to the mains
☐ built-in component, consider in end system

Operating condition ..................................................: ☒ Continuous
☐ Rated operating / resting time:

Over voltage category (OVC) ....................................: ☒ OVC I ☐ OVC II ☐ OVC III ☐ OVC IV
☐ Other: according to client’s requirement

Mains supply tolerance (%) or absolute mains supply values ..........................................................: according to client’s requirement

Tested for IT power systems ....................................: ☐ Yes ☒ No
IT testing, phase-phase voltage (V) ............................: N.A.

Class of equipment ..................................................: ☒ Class I ☐ Class II ☒ Class III
☐ Not classified

Considered current rating of protective device as part of the building installation (A) .........................: N.A

Pollution degree (PD) ...............................................: ☒ PD 1 ☒ PD 2 ☐ PD 3

IP protection class ..................................................: IPX0
Altitude during operation (m) .................................: 2000
Altitude of test laboratory (m) ...............................: <500

Possible test case verdicts:
- test case does not apply to the test object ...............: N
- test object does meet the requirement ....................: P (Pass)
- test object does not meet the requirement ...............: F (Fail)

Testing ........................................................................:

Date of receipt of test item ......................................: Jan. 10, 2014
Date(s) of performance of tests ...............................: Jan. 10, 2014 to Jan. 16, 2014

General remarks

This test report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.
Remark:
1. Class III equipment used for information technology equipment.
2. The EUT can operate with full load at ambient temperature up to 40°C.
3. Clearance was evaluated for altitude up to 2000m above sea level.
4. All samples are the same except the model number. If no otherwise specified, all tests performed at the model: SB-RSIP-DN

Copy of marking plate (s):

Integration and Control Systems
Model: SB-RSIP-DN
Input: DC 24V

SMART-GROUP (Dongguan Shima Electronics Co., Ltd.)