



Global Product Certification  
EMC-EMF Safety Approvals

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## Test Report to Clause 1.6.2 of AS/NZS 60950.1:2015

**Report No. S200914\_S**

**Manufacturer:** Bosch Security Systems  
**Test Sample Name:** Bosch MIC IP Starlight 7000i  
**Model:** MIC-7522-Z30W  
**Serial No.:** 044624603723111008

**Date of Issue:** 8<sup>th</sup> September, 2020

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**Certificate of Compliance****EMC Technologies Report No.: S200914\_S**

**Test Sample Name:** Bosch MIC IP Starlight 7000i  
**Model:** MIC-7522-Z30W  
**Serial Number:** 044624603723111008  
**Part Number:** N/A

**Manufacturer:** Bosch Security Systems

**Tested For:** Transport for NSW  
**Address:** 219 Cleveland Street, Strawberry Hills, NSW 2012, Australia

**Phone:** +61 4 4720 1430  
**Email:** jimmy.fu@transport.nsw.gov.au  
**Responsible Party:** Transport for NSW  
**Contact:** Jimmy Fu

**Test Standard/s:** **AS/NZS 60950.1:2015**  
*Information technology equipment – Safety  
Part 1: General requirements*

**Result of Test:** The test sample complied with Clause 1.6.2 of AS/NZS 60950.1:2015  
Refer to Report no. S200914\_S for full details.

**Test Date/s:** 7<sup>th</sup> September, 2020

**Testing Officer:**

  
\_\_\_\_\_  
**Michael Kent**

**Authorised Signature:**

  
\_\_\_\_\_  
**James Chu**  
**Safety Manager**  
**EMC Technologies Pty Ltd**

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## PRODUCT DESCRIPTION SUMMARY

The product is a PTZ camera for traffic monitoring. It is supplied from a dedicated cabinet with ancillary data equipment. A router in the cabinet is for the control and data communication of the camera. Three variations of router are used.

Module	Power supply
<b>Bosch Camera MIC 7522-Z30W</b>	<b>Transformer EI-25877 24Vac 2.5A output 240Vac 50Hz input by Star Delta</b>
<b>Cisco IE 2000 4TS-G-B Gigabit Ethernet Router</b> (Alternative router) <b>Red Lion SN-6901-EU 4G LTE Router</b>	<b>MDR-60-12 12V 5A output 100-240Vac input by Mean Well</b>
(Alternative router) <b>Siemens Scalance M812-1 ADSL Router</b>	

**NOTE:** The purpose of this report is to determine the power and current draw in standby and maximum power modes. Maximum power is simulated by operating the camera with a fast 360° continuous sweep. Only Clause 1.6.2 of AS/NZS 60950.1:2015 was performed as per customer's request. The EUT was configured with each of the 3 routers that would provide typical power consumption. Control of the camera was with a web interface with a laptop which was not part of the test.

**TEST RESULTS OF AS/NZS 60950.1:2015****1.6 Power Interface**

## 1.6.2

## Input current

**COMPLIES**

The system was measured at 240Vac 50Hz input.

Router used	Power	Current	Power Factor
Cisco (standby)	32.89W	191.3mA	0.718
Cisco (maximum)	36.58W	214.3mA	0.709
Red Lion (standby)	26.86W	152.7mA	0.733
Red Lion (maximum)	30.08W	171.4mA	0.730
Siemens (standby)	30.42W	178.9mA	0.707
Siemens (maximum)	33.43W	192.7mA	0.721

APPENDIX I: IDENTIFICATION PHOTOGRAPHS

Front view



Internal view with Cisco router



## APPENDIX II: IDENTIFICATION PHOTOGRAPHS (continued)

Cisco router and power supply



Red lion router and power supply



APPENDIX II: IDENTIFICATION PHOTOGRAPHS (continued)

Siemens router and power supply

