

EU Declaration of Conformity

1) Product name and serial range

Robot PoE Switch – Spot	SN: RPS_SPOT_***
Robot PoE Switch – OEM	SN: RPS_OEM_***
Robot PoE Switch – COREIO / EAP2	SN: RPS_CE_***

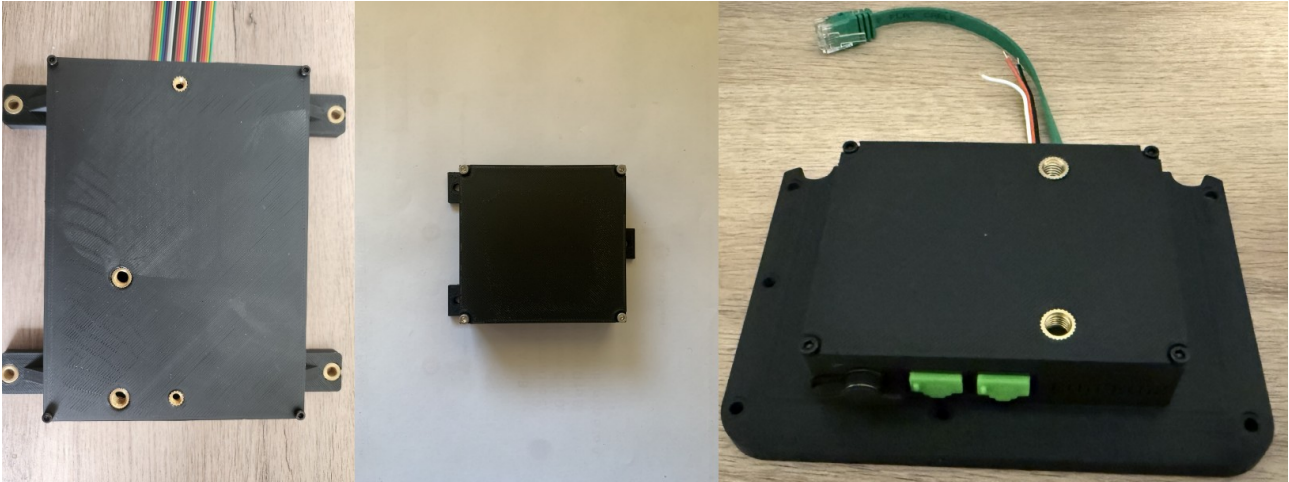


Figure 1: Robot PoE Switch Spot (left) OEM (middle) COREIO / EAP2 (right)

1.1) Object of the declaration

Description:

The Robot PoE switch allows 10/100 Ethernet networking on robotics platforms and derivative devices. The three versions available allow for mounting on the payload section of Spot (spot version), incorporating into 3rd party devices (OEM version), and for integrating onto a COREIO / EAP2 (COREIO / EAP2 version).

Specification:

- 10/100 5 port Ethernet switch
- 1x passive PoE port for use with Rajant mesh radio
- 3x RJ45 Ethernet ports, 1x internal Ethernet header

2) Manufactured by:

Osprey Systems Engineering Ltd

3) Declaration:

This declaration is issued under the responsibility of the manufacturer.

I hereby declare that the Robot PoE Switch is in conformity with the operation, material content and essential health and safety requirements of the following harmonised legislation:

3.1 - Restriction of Hazardous Substance (RoHS)

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment and all addendums current to the date of issue of this declaration.

3.2 - EMC Directive

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 harmonising laws across the European Union related to electromagnetic compatibility.

4) Conformity Assessment:

This declaration is made following the Conformity Assessment Procedure contained within the directives [3.1] and [3.2] above. The procedure chosen is Internal Production Control pursuant to Annex II, Module A of Decision No 768/2008/EC of the European Parliament and of the Council of 9 July 2008 on a common framework for the marketing of products.

5) Harmonised Standards:

This declaration is made using the Presumption of Conformity granted to harmonised standards published within the Official Journal of the European Union pursuant to Article R8 of Decision No 768/2008/EC of the European Parliament and of the Council of 9 July 2008 on a common framework for the marketing of products. The following harmonised standards have been applied:

- 5.1) - BS EN 61000-4-2:2009
Electromagnetic compatibility (EMC) - Testing and measurement techniques. Electrostatic discharge immunity test
- 5.2) - BS EN IEC 61000-4-3:2020
Electromagnetic compatibility (EMC) - Part 4-3 : Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
- 5.3) - RoHS - IEC EN 63000:2018
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

6) Operation:

This device is designed for use within the EU and United Kingdom.

7) Date of Issue:

27th April 2025

8) Place of Issue:

Osprey Systems Engineering Ltd
Unit 4, Derwent Mills commercial Park
Cockermouth
CA130HT
United Kingdom

9) Signature:

Dr. Benjamin Bird
Managing Director
Osprey Systems Engineering Ltd

