Robot PoE Switch Instructions
OEM

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1. Specifications

The OSE Robot PoE Switch – OEM, allows the user to easily integrate a Rajant ES1 or Cardinal onto any host device. The RPS OEM handles the passive PoE injection to power the Rajant and provides additional 10/100 Ethernet ports.

- Powers and provides mounting solution for Rajant Cardinal
- 5 V 1 A and 12-24 V 1 A power inputs
- Ingress protection IP54
- Mounting for Rajant Cardinal
- Operating environment -20 to 45 C
- 3x 10/100 Mbit Ethernet (RJ45)

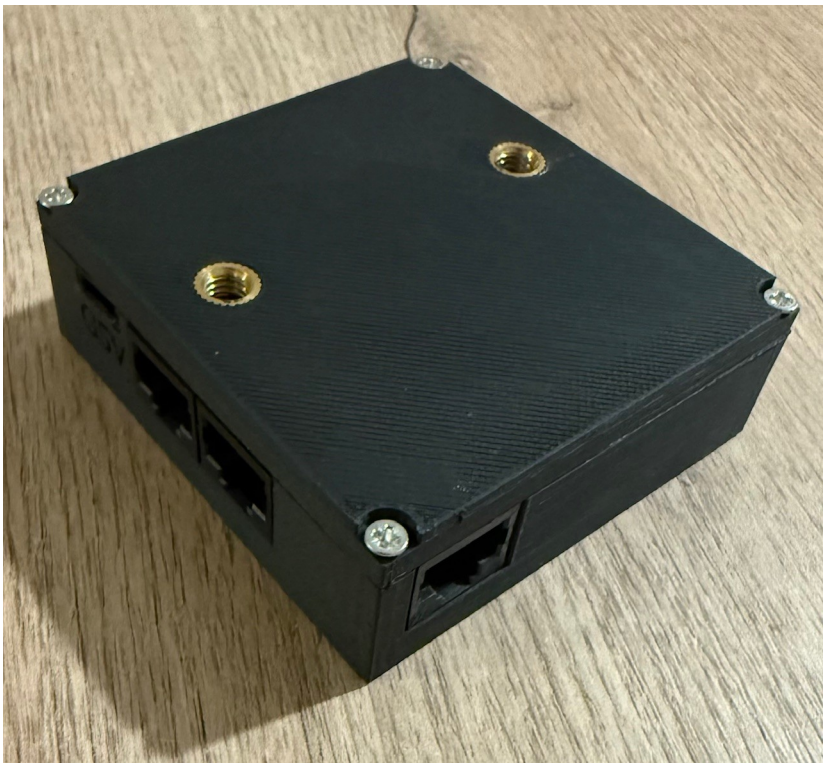

Figure 1: Robot PoE Switch - OEM

2.Warnings

1. Do not disassemble device, warranty will be void if device is tampered with.
2. Do not power the device externally. Power device only from the payload port on Spot
3. Ensure correct PPE is worn to prevent pinching and or cutting of skin whilst fitting switch

3. Mounting Instructions

The RPS OEM switch is intended for 3rd party applications. Dimensions of the unit are 75 x 71 x 25 mm.

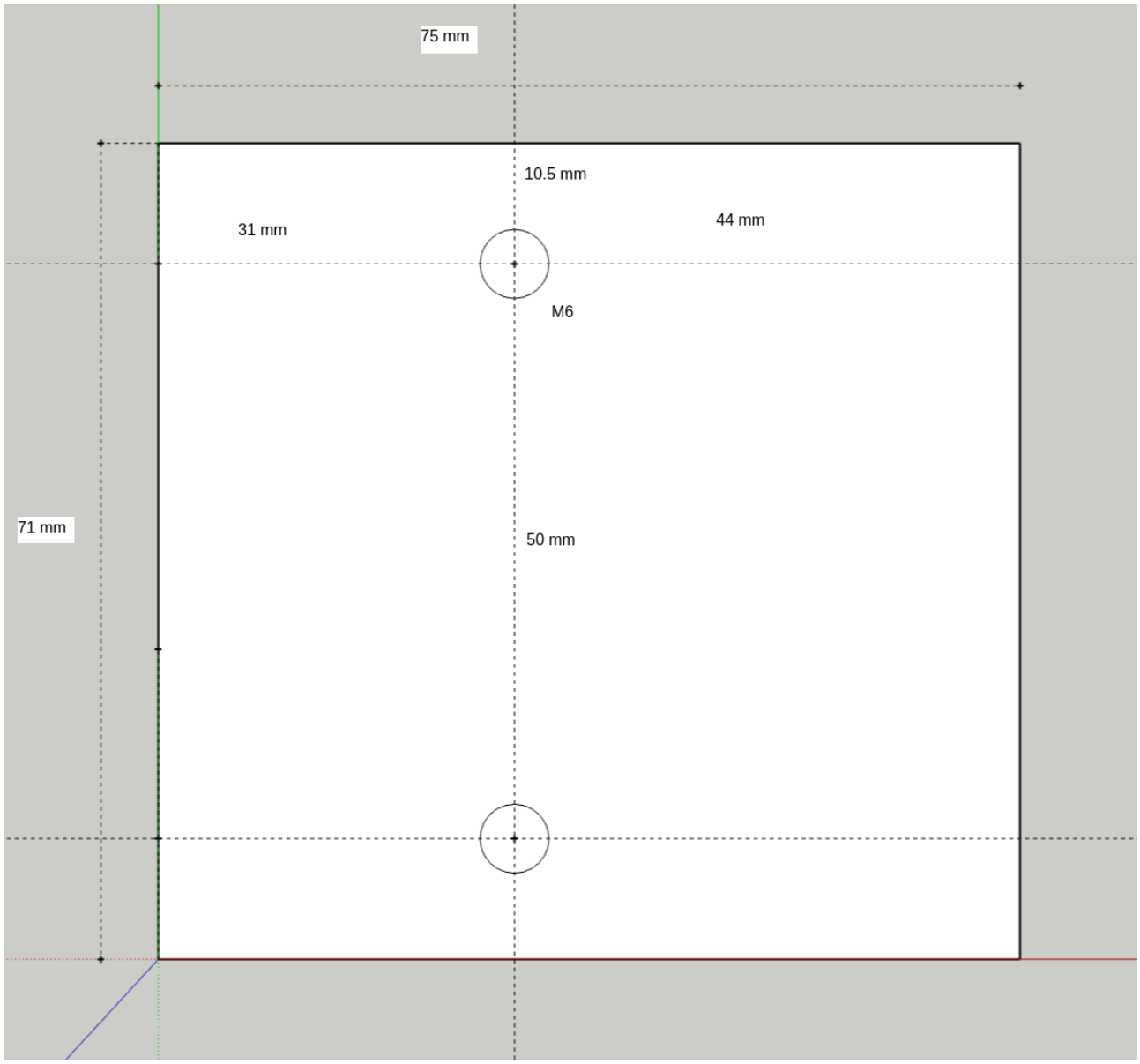

Figure 2: OEM mounting dimensions

4. Operation

In order to use the RPS OEM, it must be powered with both 5V and 12 – 24 V. This is done using the built in Dupont 2.54 mm pitch connector.

Once powered, the RPS OEM provides a passive PoE 10/100 output for powering Rajant mesh radios, and an additional 2x 10/100 Ethernet ports.

5. Disposal

The RPS OEM switch is classed as electronic waste, and must be disposed off according to local regulations.