

Information Sheet – Rayzig Hardware

The Rayzig System comprises both Hardware and Software. The Hardware is the physical module, whereas the software is needed to get it to run.

Rayzig modules are enclosed in boxes to ensure that the user is safe, and inadvertent contact is avoided. When describing modules, there may be multiple elements to it. Where these elements are made by Rayzig Ltd they will be detailed, otherwise reference will be made to the manufacturer. All modules have been tested in their working configuration to ensure that compliance with European and UK regulations. Declaration of conformity for each module is to be found on the Rayzig Website – www.rayzig.com.

Gateway

Gateway Main Board

Processor Sub Board

MMS 7.2inch TFT Screen + Bezel – EA eDIPTFT70-ATP

Raspberry Pi 3B+ or 4B Single Board Computer, 16Gb MicroSD Card + 5v 3A PSU – Micro USB Connection

RPi ABS Mounting Plate – made inhouse

Hammond Enclosure – RM2095M – Modified RAPMOD1416



Engineering Module

Processor Sub Board

USB A to Micro USB B Cable

4 pin Molex to 4 pin Molex straight Cable

Inhouse ABS Enclosure



Battery Input Processor Board

Click Momentary Switches with Mounting Panel (modified for LED) and Back Box with Cable Loom (for Momentary Switches) - inhouse



16 Pair Input Module

16 Pair Input Board

Processor Sub Board

Hammond Enclosure – RM2055M – Modified RAPMOD-1416

Stontronix 12v PSU



4 Port Relay Module

4 Port Relay Output Board
Crabtree Enclosure and Faceplate



4 Port DALI Module

4 Port DALI Master Board
Crabtree Enclosure and Faceplate



4 Port 0-10v Dimmer Module

0-10v Dimmer Board
Crabtree Enclosure and Faceplate



Wire Bridge Module (Master & Slave required)

Wire Bridge Board
Crabtree Enclosure (Modified Entry) and Faceplate
12v Stontronix PSU



IP Bridge Module (Master & Slave required)

IP Bridge Board
Crabtree Enclosure (Modified Entry) and Faceplate
12v Stontronix PSU



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