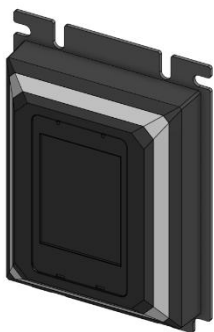




Thank you for choosing RFPay!

*For more information, including video
installation tutorials, visit our website at:*

<https://docs.rfpay.net/>



Or email us at: support@rfpay.net

Typical RFPay Node Components

1x Node Screen Assembly

1x Interface PCB

1x Standard Wire Harness

1x Ribbon Cable

1x Mounting Flange

4x Mounting Screws, Washers, and PCB Mounting Posts

Mounting the Node

Mounting the node may be accomplished by various means. If possible, use the 50mm VESA screw pattern and supplied M4 screws to bolt the node into its desired location. The supplied aluminum mounting flange may be bolted onto the node via the same M4 screws and will then work as a standard bill validator flange for mounting wherever bill validators are installed. This aluminum flange may also be used to clamp the node into other existing openings. Adhesives and other mounting methods may be employed as necessary.

Always ensure there is a way to route the supplied ribbon cable between the node and the interface board. This is necessary for power and control of devices.

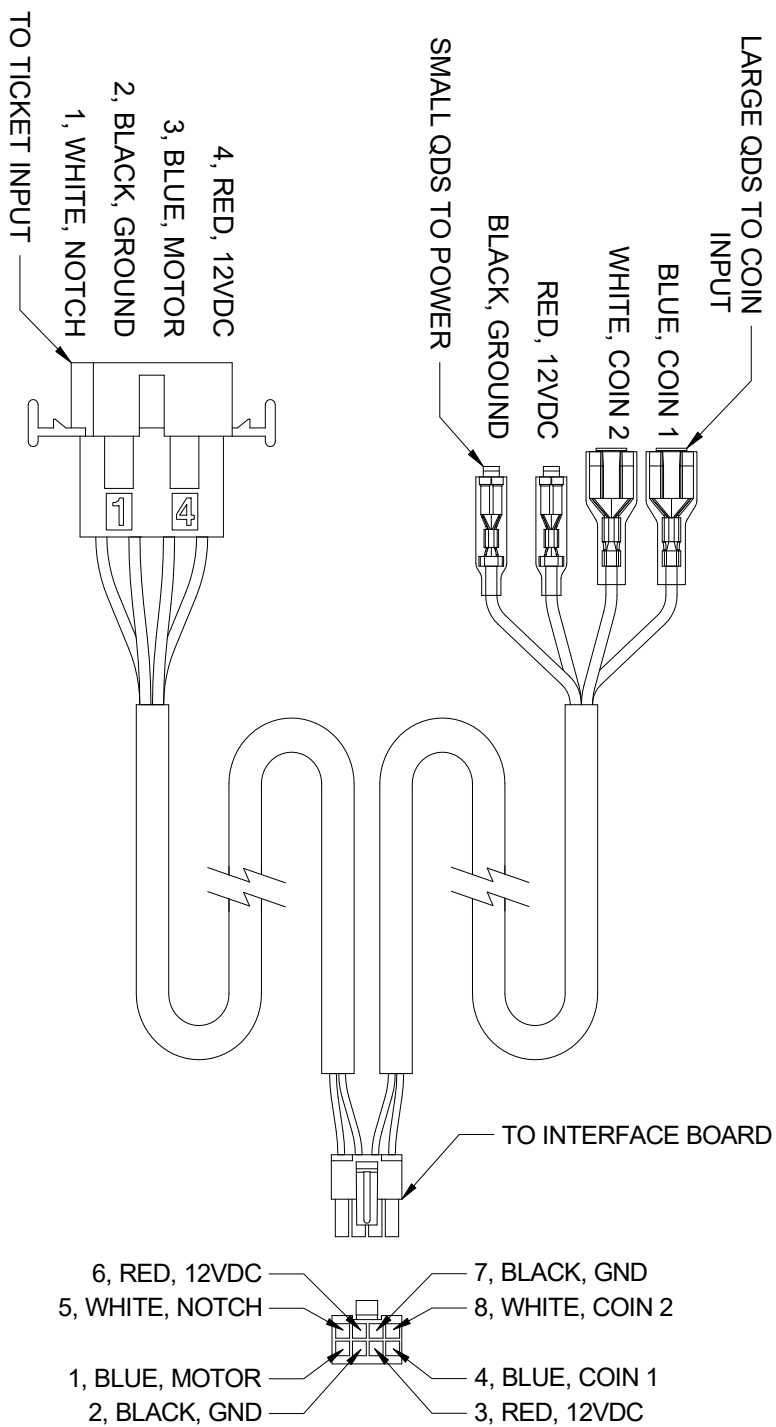
Connecting the Wires for Control

With the ribbon cable connecting the node to the interface board, the supplied standard wire harness should be used to connect other devices. See the wiring diagram to the right for more details. Plug the end of this harness labeled “to interface board” into the 8-pin connector on the interface board. Use the end with the four quick disconnect plugs to trigger standard output, such as coin switch output, and to receive power as labelled.

If emulation of a ticket dispenser is desired, use the included end with the 4-pin connector. The power and wire connectors on this plug are electrically identical to those with the two quick disconnects.

Supported voltage ranges are 8-48VDC with 12V being typical.

Coin output relay can withstand up to 500mA current.



FCC Compliance Statement

FCC ID: 2BVJH-RFPAYNODE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.*
- Increase the separation between the equipment and receiver.*

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF exposure statement

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Product Name: RFPay Node

Product Model:

2.0.0

Manufacturer: RFPAY LLC, 3737 Old Georgetown Rd, Halethorpe,
MD, 21227

support@rfpay.net

www.rfpay.org

Modular Components Used: NAME: 2.4GHz Wi-Fi & BT IoT

Module

MODEL:

ESP32-S3-WROOM-1

FCC ID:

2AC7Z-ESPS3WROOM1

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RFPay Node Quickstart Guide - Rev03