

LiveWell Aerator Timer Configurable via Wi-Fi

!!! Warning !!!
DO NOT return the item to the original retailer. Contact the support for any problem with the item or item delivery.
timersshop@gmail.com



LiveWell aerator timer operates the pump in cycling On-Off mode. The period duration can be set from 1 sec to 16 hours. Pump can be configured to run from 0 to 100 % duty cycle. For example timer can be set to operation at 80% duty for the first ten seconds and then switch to low 25% duty for the next five minutes. Two optional wires can be configured to override the duty from 0 to 100%, allowing the user to override the pump cycle at any point.

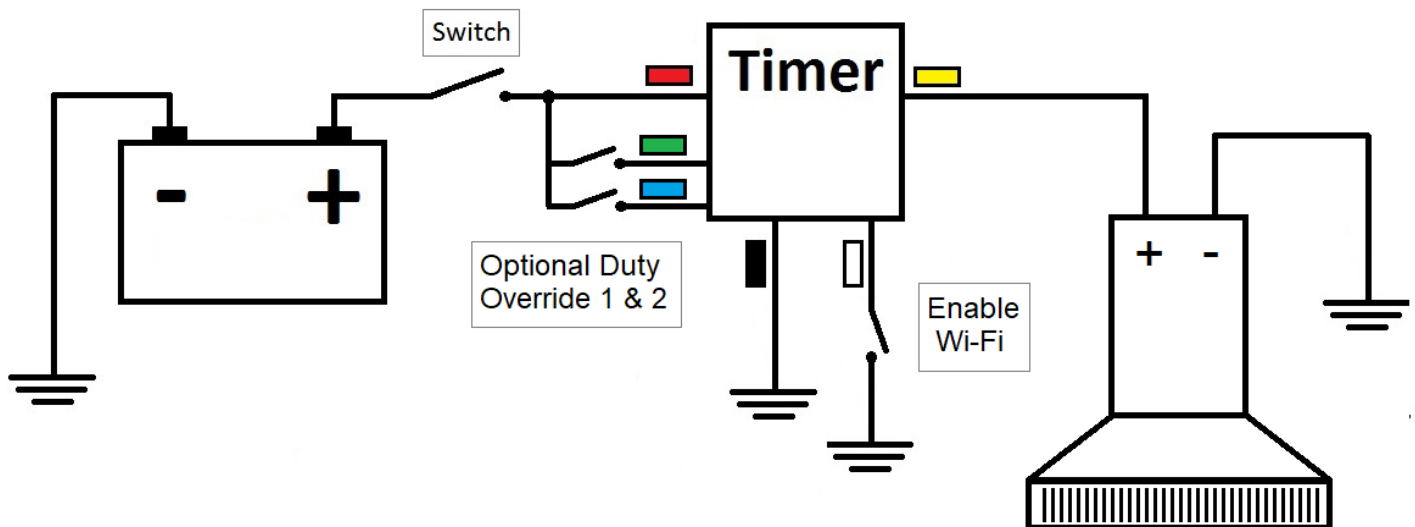
Unit dimensions: 40x35x10mm (1.6x1.4x0.4inch)

Voltage range: 6-18V. Max current 10 amp

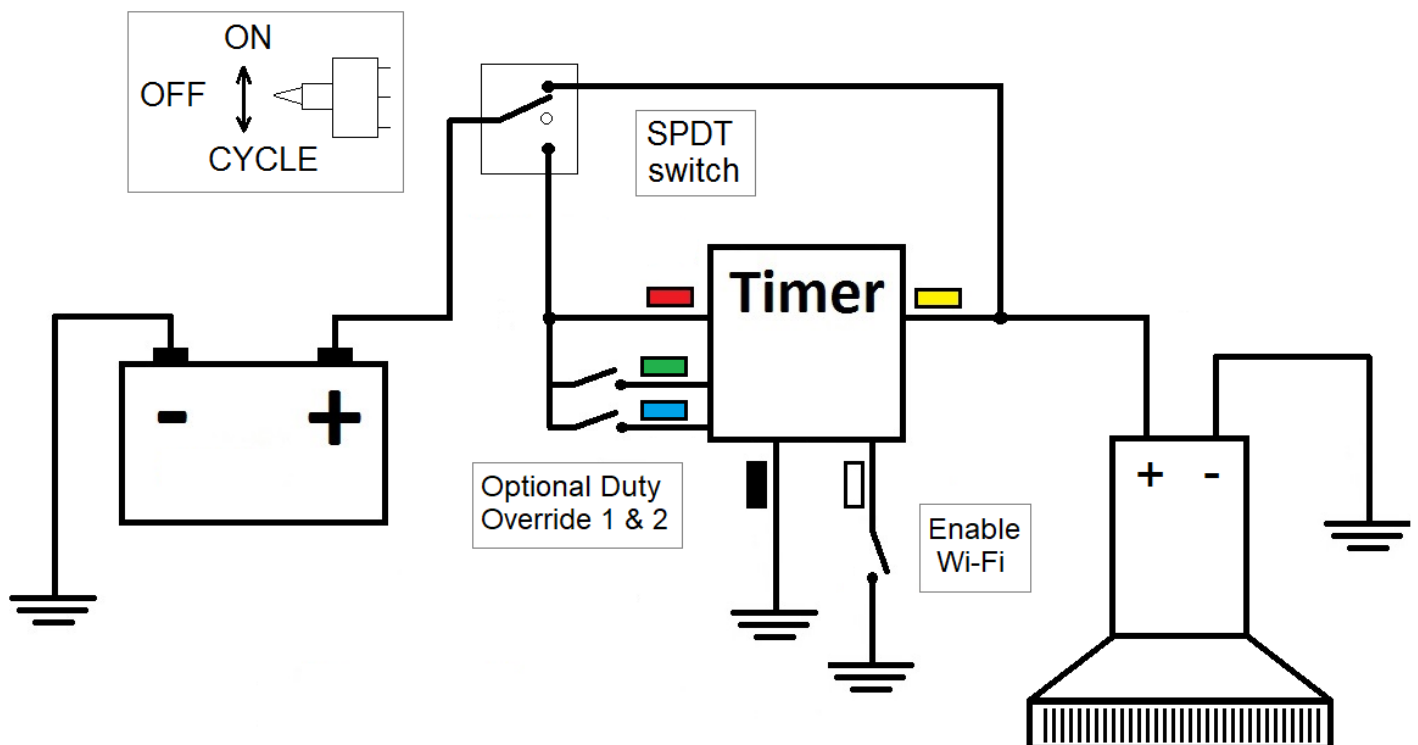
Temperature range: -40C 100C (-40F 200F)

*** For up to date installation instructions and videos visit www.bit.ly/timer20

Standard timer connection with On-Off switch.



Timer connection with 3-position switch to switch between pre-programmed and ON operation.



Connect timer according to the one of the above diagrams:

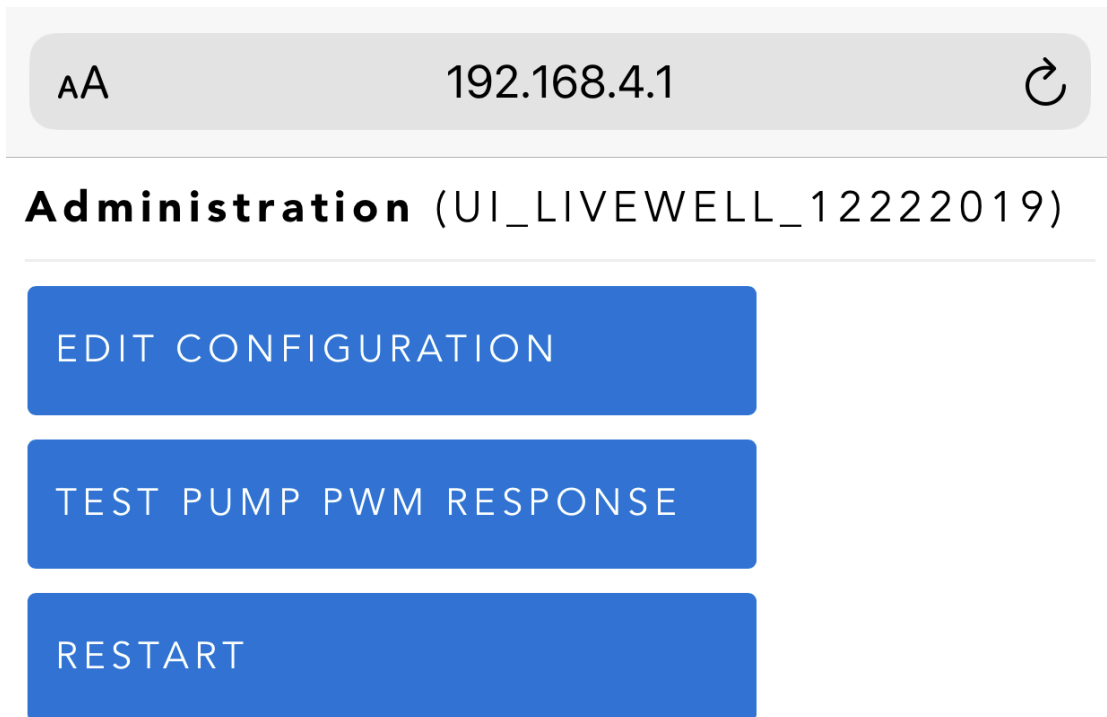
Red	– Power
Black	– Ground
Yellow	– Pump positive
Blue/Green	– Optional duty override switches
White	– Optional Wi-Fi enable button

Timer configuration:

To adjust timer's configurations put the module into the configuration mode by applying power and then connecting White wire to the ground.

Module configuration is done by connecting a computer or a smart phone to the LiveWell timer module via Wi-Fi network. Follow the steps below:

1. Search for the available Wi-Fi networks on your computer/phone.
2. Connect computer/phone to the “Timers.shop” wireless network.
3. Open browsers and enter the following in to the address bar: 192.168.4.1 and click go or connect.
4. Once connected you will be presented with the following menu:



5. Click on EDIT CONFIGURATION and make necessary changes to the timer's configuration.

AA

192.168.4.1



LiveWell Settings

Firmware: LiveWell V1.00
Checksum: 13544
Bootloader: V1.0.7
HW2.0

Period 1 duration: Sec

Period 2 duration: Sec

Period 1 duty: %

Period 2 duty: %

Green wire duty: %

Blue wire duty: %

SAVE

6. Once necessary changes are done click SAVE. Go back to the Administration menu and click RESTART to test newly update configuration.

To test pump response to PWM configuration click on TEST PUMP PWM RESPONSE menu and test various duty cycles to ensure pump runs at appropriate rate. Pump needs to be submerged, dry pump response will be different.

Troubleshooting:

- If you lose network connection to network 'Timers.shop' try to disable automatic connections to other known networks. Some computer/phone will try to switch the network if the current network does not appear to be connected to the Internet.
- To test the light control first make sure you have selected proper output type. Select Positive if the light is connected to the ground. Go back to the main menu and click on OUTPUT ON to turn the light on. If the light is not turning on check your connection and measure the voltage between Yellow wire and ground
- If no menu actions are taken the unit restarts after 5min of inactivity in the configuration mode.

Timer connection and programming video on YouTube: <https://youtu.be/E1T2oJH2d4M>