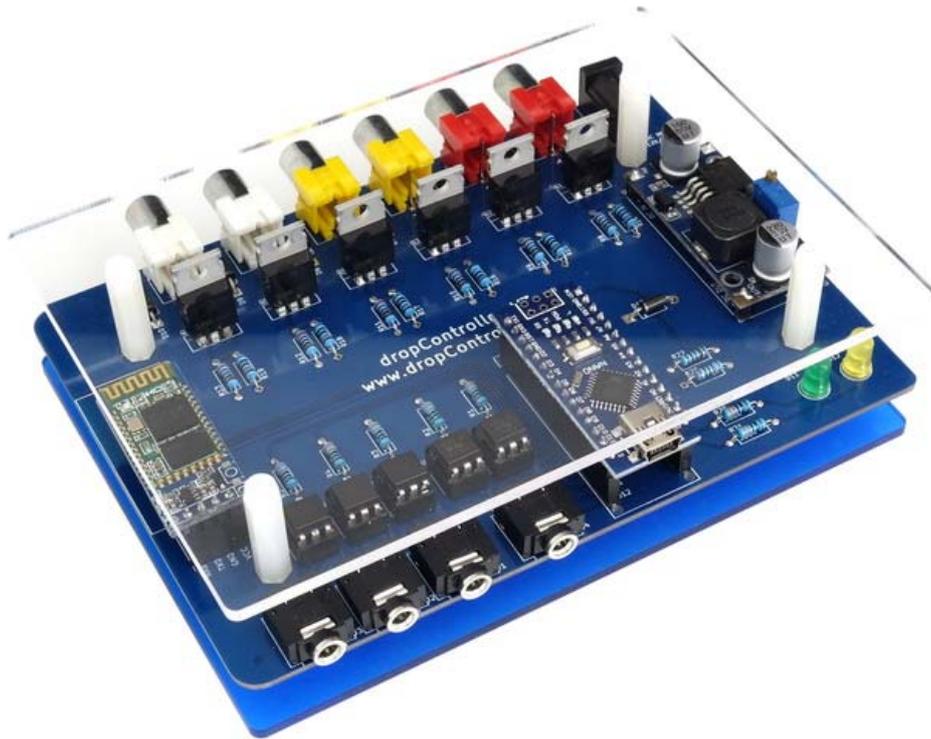


dropControllerV3

Price List



To order or for further information please email me at martyn_currey@hotmail.com

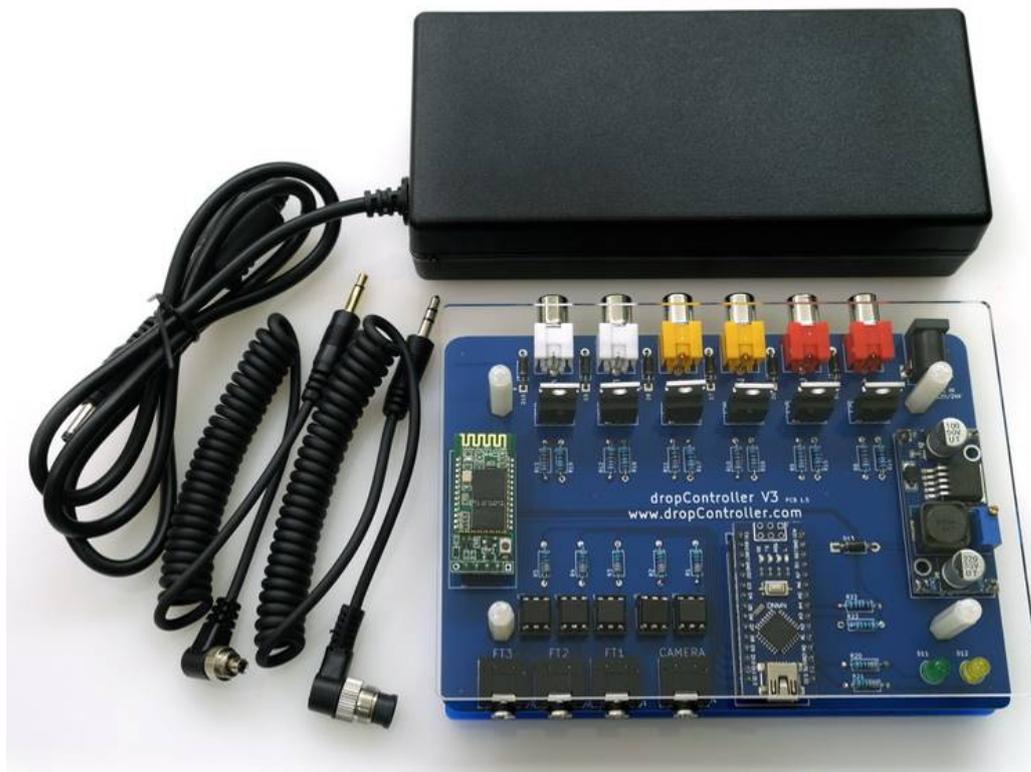
Prices may change. Please check the latest price list.

Please note that all prices exclude shipping.
Shipping costs are available on request.

The dropController is compatible with cameras that have a wired shutter release socket. Cameras, such as the Canon EOS M, that do not have a shutter release socket, are not fully compatible.

dropControllerV3 Fully Assembled

Price US \$195.00



Includes dropControllerV3, power supply, shutter release cable, and flash trigger cable.

Power Supply

Input: 100-240v, 50-60MHz

Output: 24v, 5 amps

Please state type of plug/country of use when ordering.

Shutter Release Cable

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

Please state your camera make and model when ordering.

Flash Trigger Lead

3.5mm jack to PC socket.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

dropControllerV3 Kit

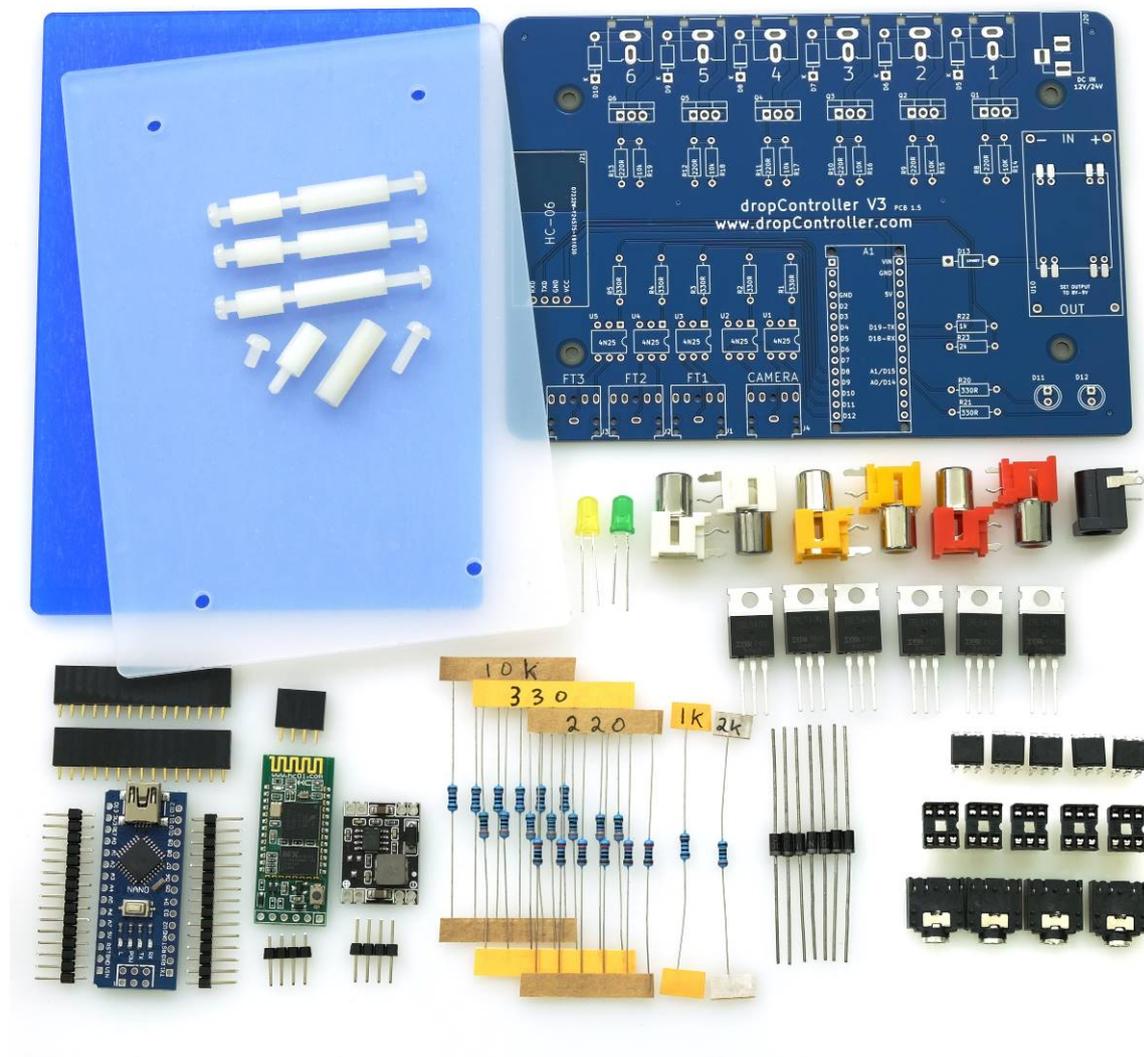
Price: US \$75.00

The kit includes all the parts required for the main device, including PCB v1.5, acrylic base and top, the Arduino, the Bluetooth module, and the buck converter. It does not include power supply or leads.

The Arduino is pre-programmed and the Bluetooth module is set up. The kit now includes a fixed 9v out buck converter.

Some basic soldering skills are required to put the kit together and an assembly guide is available on the downloads page of the website.

The kit is fairly easy to make but I would not recommend it as a first soldering project.

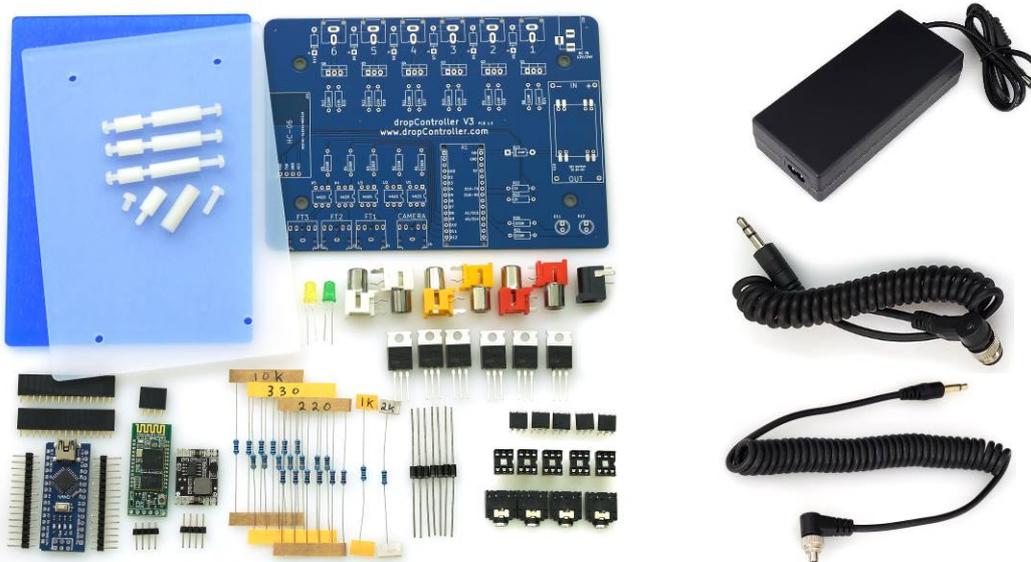


dropControllerV3 Kit Plus

Price: US \$95.00

Contains the kit along with a power supply, shutter release lead, and flash trigger lead.

Please state type of power supply plug/country of use when ordering.
Please state your camera make and model when ordering.



Power Supply

Input: 100-240v, 50-60MHz

Output: 24v, 5 amps

Shutter Release Cable

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

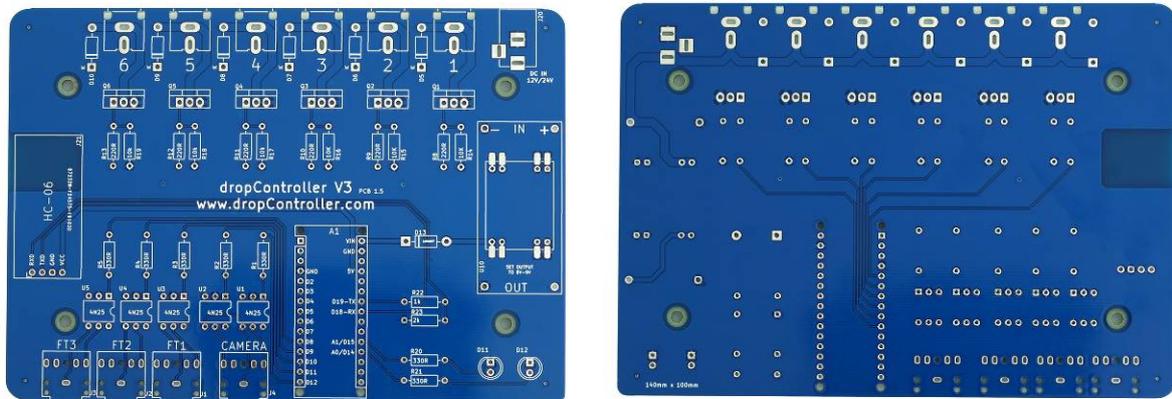
Flash Trigger Lead

3.5mm jack to PC socket.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

PCB V1.5

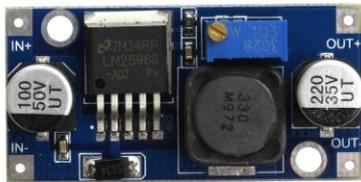
Price: US \$7.00



Can accommodate 2 different DC-DC buck converters (not included).

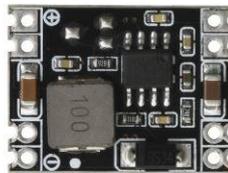
Buck Converter

PCB V1.5 can use either of the following buck converters.



Variable output

Remember to set the output voltage before connecting to the circuit.



Fixed 9V output

This module is available with different output voltages. Double check you have the 9V version.

Bluetooth Module



Ideally use a HC-06 with pins at 90 degrees to the board.

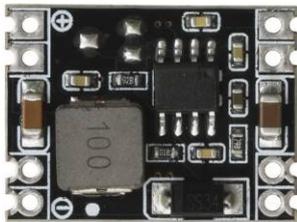
Buck converter and HC01 HC-06 set now available. See below.

Although I recommend the Waven/HC01 HC-06 Bluetooth module almost any HC-06 will work.

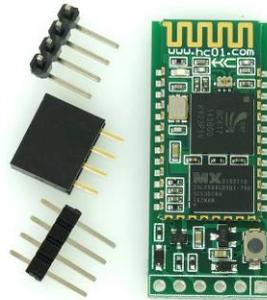
Buck Converter and Bluetooth Set

Price: US \$15.00

I didn't intend to sell these (the Bluetooth modules I use are not the cheapest) but since people asked I added them to the price list.



Fixed 9V output

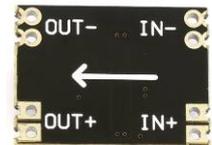


Official HC/Wavesen
HC-06

1 x 9V fixed output DC-DC
step down convertor

1 x HC01 HC-06 Bluetooth
module with separate pins.

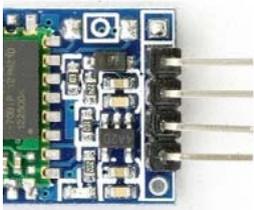
The DC-DC step down converter has a fixed 9v output so there is no setup required. Just make sure you get it the right way around, see the arrow on the back.



The HC-06 Bluetooth modules are the official (and original) modules from HC/Wavesen. These are more expensive than other similar modules but the HC modules are reliable and well supported and as a bonus they have a nice shiny blue LED and everybody likes shiny blue LEDs!



If using the dropController PCB use the straight pins.



Right angled pins are included for breadboard use.

Valve and Bottle Set

Price: US \$32.00



- 1 x SLGPC PU220AR-02 24v
- 1 x Bottle
- 2 x Bottle clips
- 3 x 6mm ¼ NPT brass nozzles
- 1 x Teflon tape
- 1 x Brass ¼ NPT double sided connector
- 1 x 1.5m valve lead
- Cable ties



The double sided connector allows the bottle to be directly connected to the valve.

Change the SLGPC valve to the Shako valve add US \$13.00

Bottle Kit

Price: US \$ 12.00



1 x T33 Bottle
2 x Clamps
3 x Brass nozzles*

Caps are ¼ NPT thread size

*Please state required sizes when ordering

Option 1: 3 x 6mm

Option 2: 1 x 6mm + 2 x 8mm

Option 3: 1 x 6mm + 2 x 12mm

The bottle and nozzles are standard ¼ NPT thread size, same as the solenoid valves. The nozzles fit the Shako and the SLGPC valves.

**** Does not include bracket to attach to a stand ****

I do not have brackets to attach the bottle holders to a stand yet. These will be available in the future. Price of the kit with bracket TBC.

I use cable ties to secure the bottle which I think works well. The clips make it fairly easy to remove the bottle for cleaning.



Solenoid Valves

Shako PU220AR-02 24v

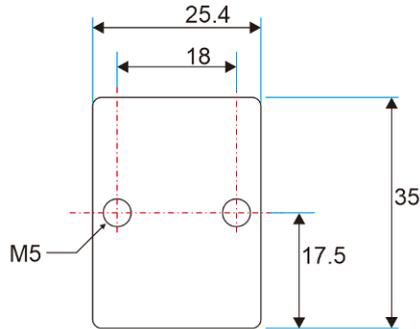
Price: US \$35.00



The standard water drop valve. Reliable and repeatable performance

1/4 NPT thread size

Mounting holes



Holes are 18mm apart and M5 size.

SLGPC PU220AR-02 24v

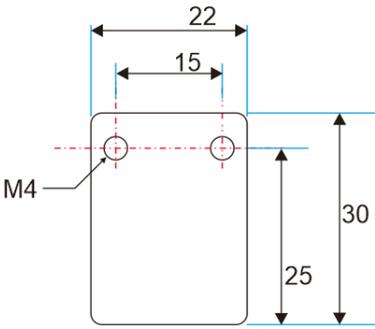
Price: US \$22.00



Similar performance to the Shako. My preferred valve.

1/4 NPT thread size

Mounting holes



Holes are 15mm apart and M4 size.

Power Supply

Price: US \$25.00



Input: 100-240v, 50-60MHz
Output: 24v, 5 amps.

Please state type of plug/country of use when ordering.

Shutter Release Cable

US \$7.50 (price is for one lead only)



3.5mm to dedicated plug.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

Various leads available please state camera make and model when ordering.

Flash Trigger Lead

US \$7.50



3.5mm jack to flash PC socket.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

3.5mm Extension Lead

US \$ 7.50



3.5mm to 3.5mm.
1.5m length

Suitable for use with the shutter release and the flash trigger cable.