Fomocam Parts list

Electronics

Raspberry Pi Zero (check it has camera conector so W or V 1.3)

Raspbery Pi Camera module V2 or similar e.g. PiNoIR

Pi Zero Camera adaptor cable

NeoPixal strip (WS2812 5050 RGB LED)

8G SD Card

USB Modem Router 3G or 4G

5V powerbank (RS Pro PB-10400 10400mAh Power Bank Portable Charger)

USB to MicroUSB B cable x 3

USB conector

3 x short lengths of electronics wire in different colours

Soldering iron & solder

Case

200 x 400mm sheet of 3mm Perspex*

4 x 50mm 2mm threaded bolts

8 x 2M nuts (best to have a few spare!)

2 x 20-25mm 2mm nylon bolts & nuts

Hot glue gun & glue

Cover

EVA foam, felt, fur, googly eyes, sparkly things, what ever you want!

See coverings section for advice.

*You can get 3 boxes out of a 400 x 600mm sheet or play around with the layout to use 2 pieces smaller than 200 x 400mm