

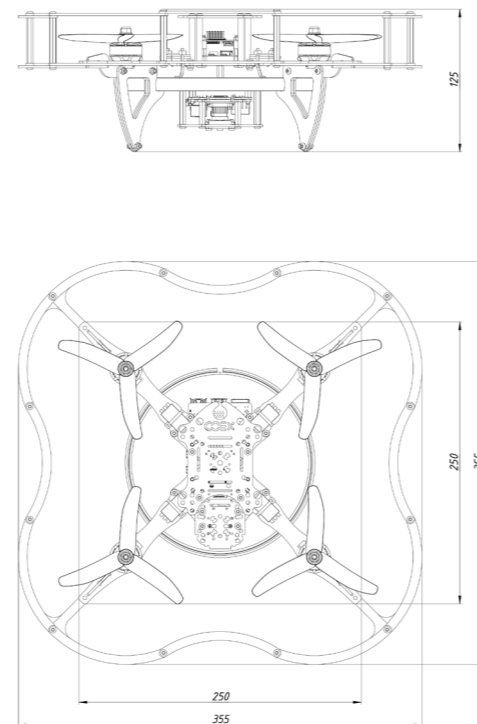
CLOVER DRONE KIT

PROGRAMMABLE QUADCOPTER KIT

COEX Clover Drone kit is a solderless quadcopter kit with Raspberry Pi 4 onboard and an open source software framework which allows to start coding drones easily. One can create their own autonomous drone, learn aerial robotics and win drone competitions with Clover.



Dimensional drawing



Quadcopter specifications

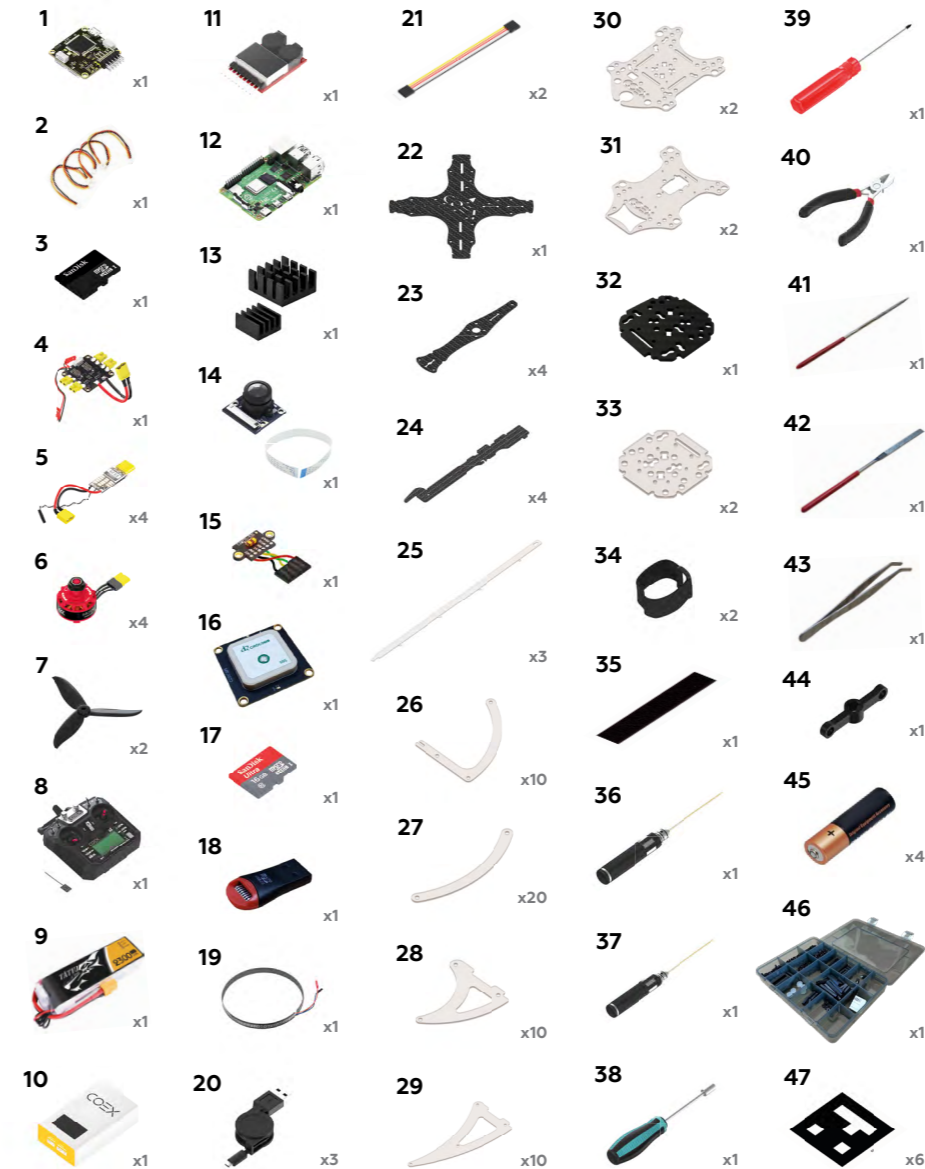
Model	COEX CLOVER DRONE KIT
Dimensions	355x355x125 mm
Diagonal distance between motors	234 mm
Propeller diameter	5 inch
Max. takeoff weight	1 kg
Max. speed	72 km/h
Max. flight time	15 min
Operating temperature range	From 0°C to +40°C
Max. flight altitude	500 m

Copter Express

Address: 340 S LEMON AVE#2088, Walnut, CA 91789-2706
 Mail: info@coex.tech
 Site: coex.tech/clover



CONTENTS



- 1 Flight controller COEX Pix
- 2 Wires for connecting a flight controller
- 3 Micro SD 1 Gb memory module for flight controller
- 4 Power distribution board COEX PDB
- 5 Speed controller, COEX ESC 25A
- 6 Brushless motor COEX BR2306, 2400 KV
- 7 Dalprop Cyclone T5046C (set)
- 8 RC transmitter COEX i6x with receiver
- 9 Li-pol Tattu 4S LiPo 2300 mAh 45C
- 10 Charger COEX E4
- 11 Voltage tester
- 12 Raspberry Pi 4 Model B 1Gb
- 13 RPi 4 Radiator Kit (2pcs)
- 14 RPi 4 Cam OV5647 Wide Angle Lens
- 15 Laser Rangefinder CJMCU-531
- 16 COEX GPS
- 17 Micro SD 16 Gb memory module for RPi 4a
- 18 MicroSD USB adapter
- 19 LED strip 144 led/m 5V IP65 ws2812, 40 cm
- 20 USB cable
- 21 3-pin PWM cable 15 cm
- 22 Central Plate, carbon
- 23 Arm, carbon
- 24 Stiffener plate, carbon
- 25 LED plate
- 26 Prop guard mount
- 27 Prop guard
- 28 Small leg
- 29 Big leg
- 30 Deck mount
- 31 Grab deck
- 32 Deck mount small, carbon
- 33 Deck mount small
- 34 Battery strap 200 mm
- 35 3M fastener nylon hook 2.5x10 cm
- 36 Hex screwdriver 2 mm
- 37 Hex screwdriver 1.5 mm
- 38 Screwdriver hex nut 5.5 mm
- 39 Screwdriver PH1
- 40 Side cutters
- 41 Electroplated Diamond File #10
- 42 Electroplated Diamond File #1
- 43 Tweezers
- 44 Loosen screw wrench tool
- 45 AA battery for RC transmitter
- 46 Fastener container
- 47 ArUco marker

REPAIR KIT

FOR COEX CLOVER DRONE KIT

