

Universal Hub Starter Kit

Bill of Materials

Overview

This is a list of all the hardware and components you need to build the Universal Hub Starter Kit. The “Starter Kit” designation means it includes the tools you will just need once to build AuthentiKit controls.

Sourcing Advice and Comments

A key design criteria for this flight control is that all parts should be low cost commodity items readily available from Amazon or eBay. The vast majority of items cost \$2 or less each.

This Bill of Materials includes parts not strictly required for the universal hub but will be a common requirement for all the flight controls you will build for it, such as the red/blue magnet needed for orientating magnets.

IMPORTANT: Get the correct item by checking the specification in <https://authentikit.org/parts-directory/> and look up the code shown below.

Code	Parts Description	Quantity	Price
ATK1C406	M4 countersunk screw x 6mm	5	£0.75
ATK1F306	M3 flange head screw x 6mm	2	£0.40
ATK201	RJ45 jack	4	£10.00
ATK207	Dupont wires strip	1	£4.00
ATK21205	Ethernet cable 50cm	1	£2.00
ATK21210	Ethernet cable 100cm	2	£4.00
ATK21215	Ethernet cable 150cm	1	£2.00
ATK211	USB Cable	1	£3.50
ATK209R	26 AWG Green (cm)	100	£0.75
ATK209BK	26 AWG Black (cm)	100	£0.75

Code	Tools Description	Quantity	Price
ATK707	Red/Blue orientation magnet	1	£3.00
ATK706	Simple wire stripper	1	£1.50
ATK200	BU0836A circuit board	1	£27.00
ATK701	PH1 screwdriver bit	1	£1.00
ATK702	PH2 screwdriver bit	1	£1.00
			£61.65

Indicative price to self source: £61.65

Ready made kit available at lower price from: www.simkitsupplies.com

The monitor stand rig is not listed here. See the assembly guide for more information about sourcing that.