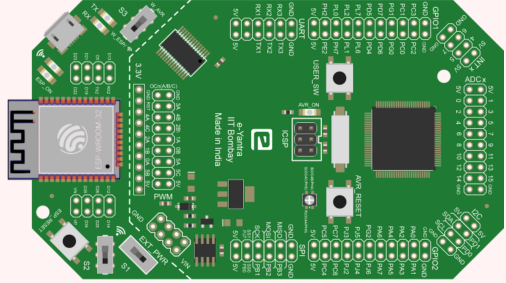



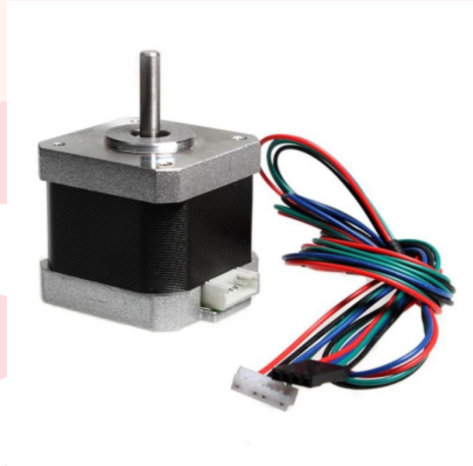











Hardware Provided in Kit:

#	Component Name	Qty	Image
1	eYFi Mega Board https://products.e-yantra.org/eyfi-mega/	1	
2	Micro USB Cable	1	
3	Waveshare OV2710 2 megapixel OV2710 sensor 1920x1080 resolution Camera specifications <ul style="list-style-type: none">- CCD size: 1/2.7inch- Aperture (F): 2.8- Focal Length: 2.9mm- Field of View (Diagonal): 145°- Dynamic range: 69dB Interface: USB2.0 Image formats: MJPEG, YUY2	1	
4	USB Camera cable	1	



5	A4988 Stepper motor driver	3	
6	NEMA 17 Stepper motor 4.2kgcm torque 5mm shaft	3	
7	58mm Nylon Omni Wheel	3	
8	Motor Wheel Coupling	1*3	
9	Allen Key (for the given Allen Bolts/Screws)	1+1	
10	Allen Bolts (M4)	1*3	
11	Allen Screw (M4)	2*3	



12	L-Clamp (Motor Mount)	3	
13	Screw & Nuts (3mm) Screw & Nuts (4mm)	12 6	
14	Orange 1000mAh 3S 30C/60C (11.1V) Lithium Polymer Battery Pack	1	
15	1-8S Lipo Battery Voltage Tester	1	
16	Li-Po Battery Balance Charger	1	
17	XT60 cable	1	
18	Jumper Wires	20*3	M-M, F-F & M-F (20 each)
19	Water Brush	(3)	Set of 3



e-Yantra Robotics Competition 2022-23

HolA Bot (HB)

