

	1	2	3	4	5	6	7	8	
A	ITEM NO	PART NO	DESCRIPTION	QTY					
	1	GM-001	GIMBAL BASE 1	1					
	2	GM-002	GIMBAL BASE 2	1					
	3	GM-003	CAMERA BASE MOUNT	1					
	4	GM-004	CAMERA TOP MOUNT	1					
B	5	GM-005	JOINT BLOCK BASE	1					
	6	GM-006	JOINT BLOCK MID	1					
	7	GM-007	JOIINT BLOCK TOP	1					
B	8	GM-008	3S LIPO BATTERY	1					
	9	GM-009	VICTURE ACTION CAMERA	1					
	10	GM-010	PIXY 2	1					
	11	GM-011	STORM-32 BOARD	1					
C	12	GM-012	MPU 6050 IMU	1					
	13	GM-013	2206-140KV BRUSHLESS GIMBAL MOTOR	3					
C	14	GM-014	M2 HEX HEAD BOLT 6MM	12					
	15	GM-015	M3 HEX HEAD BOLT 6MM	14					
	16	GM-016	M3 HEX HEAD BOLT 15MM	6					
	17	GM-017	M4 HEX HEAD BOLT 60MM	2					
	18	GM-018	M3 HEX HEAD NUT	8					
D	19	GM-019	M4 HEX HEAD NUT	2					
	20	GM-020	M3 STANDOFF	4					
	21	GM-021	RUBBER DAMPER	4					

ISOMETRIC VIEW
SCALE 1:2

ALL ELECTRICAL CONNECTIONS
REMOVED FOR SIMPLICITY

ALL PARTS ARE 3D PRINTED

TOLERANCES		THIRD ANGLE PROJECTION		MATERIAL:	
X	=± 0.5	ANGULAR	±1°	MULTIPLE	
X.X	=± 0.1	SURFACE FINISH		ALL DIMENSIONS ARE IN MILLIMETRES	
X.XX	=± 0.02	MACHINED FACES	Ra 6.3	DO NOT SCALE DRAWING	
		NAME	DATE	A3 SCALE 1:1	
DRAWN		ISABELLE SUA	25.05.19	DWG No. GM-000	
CHECKED		CALISTA LIM	27.05.19	SHEET 1 OF 1 REVISION 2	
APPROVED					

Imperial College
London
Department of
Mechanical Engineering

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