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Bill of Material: SMAQ

Quantity	Part Number	Description	Nomenclature
1	ENG5220-SMAQ-01	Bottom half of case	1
1	ENG5220-SMAQ-02	Top half of case	2
1	ENG5220-SMAQ-03	LED pipe	3
1	ENG5220-SMAQ-04	Support mesh	4
1	ENG5220-SMAQ-05	Tulle front cover	5
1	ENG5220-SMAQ-06	Raspberry Pi 3 Model B	6
1	ENG5220-SMAQ-07	SMAQ PCB	7
1	ENG5220-SMAQ-08	Micro USB panel mount, P3258 Micro USB M-F from Premier Cable	8
4	ENG5220-SMAQ-09	M3x8 nylon screw	9

Assembly Notes

1. Assemble item 7 (SMAQ pcb) onto item 6 (raspberry pi). Alignment is as shown in the drawing.
2. Assemble the sub-assembly of items 7 and 6 onto item 1 (bottom half of case) using item 9 (M3x8 screw).
3. Assemble item 8 (micro-usb panel mount) onto item 1 using the screws provided with item 8. Plug the male usb-micro into the power input of item 6.
4. Assemble item 3 (LED pipe) onto item 1.
5. Assemble item 5 (tulle) onto item 4 (Support mesh), then this sub-assembly into item 2 (top half of case).
6. Assemble the subassembly of items 5, 4 & 2 onto the previously assembled bottom half.
7. Parts assembly is tight-fit, no additional glue is required.

NOT FOR
MANUFACTURING

This drawing and all information contained in it remains the copyright of SMAQ		DIMENSIONS mm	DRAWN M.Biyikli	TITLE SMAQ Assembly	
	SCALE NTS	TOLERANCE (See Drg)	SHEET 1/1	DRAWING NUBER ENG5220-SMAQ-A01	ISS. A