

MATeF Camera Assembly Manual

Checklist

Mission	Date

Integration Engineer(s)	Supervisor(s)

Table of Contents

1 Bill of Material4

2 Integration5

NOTES6

1 Bill of Material

Qty	Part	
1	Assembled Camera Module	
	1	Internal Frame
	1	Camera Module
1	Preformatted SD Card	
1	Battery Holder	
3	AA Battery	
1	TOP Insulation Shell (w/ control buttons)	
1	Bottom Insulation Shell	
1roll	Kapton Tape	
1roll	Duct Tape	
2	Zip-tie	

2 Integration

Battery and SD Card

2.1	Insert preformatted SD Card into camera	
2.2	Add AA batteries to battery holder	
2.3	Secure batteries with duct tape	
2.4	Attach battery holder to the back of the camera assembly	
2.5	Fasten zip-ties	

BOTTOM Insulation Shell

2.6	Lead bottom kite line through hole 1	
2.7	Place camera assembly to insulation shell Controller connector cables should be lead over the separator!	
2.8	Connect controller connectors to camera assembly 1. LED 2. OK/Shutter 3. ON/OFF/Menu	
2.9	Connect Battery Cable to camera assembly	
2.10	Secure cable connectors with kapton tape	
2.11	Arrange cables using the cable holders on separators	

TOP Insulation Shell

2.12	Lead top kite line through hole 2	
2.13	Place TOP insulation shell on BOTTOM shell	

Sealing

2.14	Use duct tape to seal the connection between insulation shells	
2.15	Use duct tape diagonally to secure the insulation shells	

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