



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

Powai, Mumbai 400076.

Ref. PR No. 1000051092

RFx. No. 6100002677

Technical Description: MULTISPECTRAL + THERMAL CAMERA

Sr. No	Item Description and Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1	Weight - 577 g or equivalent		
2	Dimensions - 11.0 x 8.0 x 6.9 cm		
3	External Power - 7.0 V - 25.2 V		
4	Spectral Bands - Blue (475 nm) Green (560 nm) Red (668 nm) Red Edge (717 nm) Near-IR (842 nm)		
5	Thermal - Thermal infrared 7.5 - 13.5um radiometrically calibrated		
6	Capture Rate - Up to 2 captures per second		
7	Storage - CFexpress card		
8	Sensor Resolution - 2064 x 1544 (3.2 MP per MS band) 4112 x 3008 (12 MP Panchromatic band) 320 x 256 thermal infrared		
9	Field of View - 50° HFOV x 38° VFOV (MS) 44° HFOV x 38° VFOV (PAN)48 48° x 40° Thermal		
10	IP Rating - IP4X		
11	Sensor, Lens cover, Calibrated reflectance panel, Light sensor, Cables, mounting screws, Carrying case, CFexpress card		
12	Warranty - One Year warranty and support		