



**Office of International Relations (OIR)  
Indian Institute of Technology  
Kharagpur – 721 302**

**Ref. No. 1420/2021/OIR**

**Date-10.12.2021**

**NOTE**

As advised by the Deputy Director, Ref. No.1404/2021/OIR dated 26<sup>th</sup> November 2021, a special committee needs to be formed for the procurement of the camera in the Office of Dean Outreach. The specification of the camera is enclosed herewith.

A local purchase committee may kindly be constituted for the execution of the purchase with the following members:

1. Dean, OR (Chairman)
2. Associate Dean, IR and Ranking (Member)
3. Deputy Registrar- Accounts (Member)
4. Associate Dean, FoEA1 (Member)
5. SEO, AA&IR (Member)

*Shattacharya*  
13/12/2021

Associate Dean IR

*[Signature]*  
SEO  
(AA&IR)

*J* 13/12/21  
Dean, Outreach

*[Signature]* 14/12  
Deputy Director

Enclosure: (i) Specification of the camera

(ii) Reference note -No.1404/2021/OIR dated 26<sup>th</sup> November 2021

## Camera Specifications and Requirements for Videography and Photography at IITKGP

1. 35mm Full-frame Mirrorless CMOS Image Sensor with Evolved Image Processing
2. ISO range of 100 - 51200 (expandable to ISO 50 – 204800)
3. Robust magnesium alloy body
4. 15-Stop[ii] Dynamic Range at low sensitivities
5. AF system featuring 693 phase-detection AF points covering 93% of image area, 425 contrast AF points and fast and reliable Eye AF
6. Continuous Shooting at up to 10 fps[iii] with either Mechanical Shutter or Silent Shooting[iv] and full Auto Focus/Auto Exposure tracking
7. Professional 5-axis optical in-body image stabilization
8. Supports 14-bit uncompressed RAW format
9. Multi Frame NR (Noise Reduction)
10. Upto 10-bit 4K[vi] Movie Shooting with full pixel readout and no pixel binning across full-width of full-frame sensor
11. S-LOG PICTURE PROFILES | S-Log2 gamma setting
12. Video Recording at highest frame rates minimum of 120 FPS for HD/4K
13. Pro-quality XAVCS and AVCHD format
14. Upgraded operability and functionality including addition of joystick for adjusting focus points, Dual SD Card Slots, SuperSpeed USB (USB 3.1 Gen 1) USB Type-C
15. Swivel LCD Display | Convenient tiltable LCD screen
16. High speed Dual Card slot for storage
17. Anti-dust system and coating
18. NP-FW50 W-series Rechargeable Battery Pack with INTERNAL BATTERY CHARGE
19. Compatibility with wide-ranging mountable lenses
20. Clean HDMI output ?