

**ANNEXURE-III****TECHNICAL SPECIFICATION FOR EVENT CAMERA****1.0 Technical Compliance**

<b>S.No</b>	<b>Specification</b>	<b>Complied /Not Complied</b>	<b>Reference Page No</b>
<b>Event output</b>			
1	Spatial resolution- 346 x 260		
2	Temporal resolution <sup>1</sup> - 1 $\mu$ s		
3	Max throughput- 12 MEPS		
4	Typical latency <sup>2</sup> - <1 ms		
5	Dynamic range- Approx. 120 dB (0.1-100k lux with 50% of pixels respond to 80% contrast)		
6	<b>Contrast Sensitivity</b> - 14.3% (on), 22.5% (off) with 50% of pixels respond)		
<b>Frame output</b>			
1	Spatial resolution- 346 x 260		
2	Frame rate- 40 FPS		
3	Dynamic range- 55 dB		
4	FPN- 4.2 %		
5	Dark signal- 18000 e <sup>-</sup> /s		
6	Readout noise- 55 e <sup>-</sup>		
<b>IMU</b>			
	6-axis (Gyro + Accelerometer), up to 8k Hz sampling rate		
<b>Multi- camera sync</b>			
1	Supports multi-camera time synchronization via daisy chain connection and external event injection		
<b>Number of Units Required</b>		1	