

**BIL. SEBUTHARGA/QUOTATION REF: UBD/Q/050/2022 - [G]
(FIT)**

**TITLE : TO SUPPLY, DELIVER, INSTALL AND COMMISSIONING OF A 8 GB HIGH SPEED
CAMERA FOR FACULTY OF INTEGRATED TECHNOLOGIES, UBD**

No.	Quantity	SPECIFICATIONS																																														
1	1 unit	<p>Standard Accessories Kit for high-speed camera, STD-Access consist of camera tripod, 3D head, Pelican Carrying Case with following specs and Tripod Bag.</p> <p>Technical Specifications Required:</p> <table border="0"> <tr> <td>Sensor Type</td> <td>Proprietary Design Advanced CMOS</td> </tr> <tr> <td>Maximum Resolution</td> <td>1280 x 1024 Pixels</td> </tr> <tr> <td>Sensor Size / Diagonal</td> <td>12.80 (H) x 10.24 mm (V)/ 16.39mm (D)</td> </tr> <tr> <td>Pixel Size</td> <td>10um x 10um</td> </tr> <tr> <td>Quantum Efficiency</td> <td>62.6% at 630nm</td> </tr> <tr> <td>Fill Factor</td> <td>80%</td> </tr> <tr> <td>Sensitivity ISO</td> <td>10,000 (Monochrome)</td> </tr> <tr> <td>Full Frame Performance</td> <td>1280 X 1024 pixels up to 2,000fps</td> </tr> <tr> <td>Max recording Rate</td> <td>Up to 160,000fps (1280 x 8 pixels)</td> </tr> <tr> <td>Min Exposure Time</td> <td>Global electronic shutter 1ms to 1.01us indep of frame rate</td> </tr> <tr> <td>Dynamic Range (ADC)</td> <td>12bit monochrome</td> </tr> <tr> <td>Memory Capacity</td> <td>8GB</td> </tr> <tr> <td>Upgradeable to</td> <td>32GB</td> </tr> <tr> <td>Camera Control Interface</td> <td>High-Speed Gigabit Ethernet</td> </tr> <tr> <td>Dual Slope Shutter</td> <td></td> </tr> <tr> <td>Lens Mount</td> <td>Interchangeable F-Mount (G Type) and C-Mount</td> </tr> <tr> <td>Operational shock</td> <td>100G, 10ms, 6axis</td> </tr> </table> <p>TRIPOD Specifications:</p> <table border="0"> <tr> <td>Max Working Height</td> <td>160 cm</td> </tr> <tr> <td>Max Height without Center Column</td> <td>135 cm</td> </tr> <tr> <td>Min Height</td> <td>8.9cm</td> </tr> <tr> <td>Head Mount Type</td> <td>3/8"-6 Screw</td> </tr> <tr> <td>Lateral Tilt</td> <td>-90 to 30 Degrees</td> </tr> <tr> <td>Vertical Tilt</td> <td>90 to -30 Degrees with 360 Degrees Panning</td> </tr> </table>	Sensor Type	Proprietary Design Advanced CMOS	Maximum Resolution	1280 x 1024 Pixels	Sensor Size / Diagonal	12.80 (H) x 10.24 mm (V)/ 16.39mm (D)	Pixel Size	10um x 10um	Quantum Efficiency	62.6% at 630nm	Fill Factor	80%	Sensitivity ISO	10,000 (Monochrome)	Full Frame Performance	1280 X 1024 pixels up to 2,000fps	Max recording Rate	Up to 160,000fps (1280 x 8 pixels)	Min Exposure Time	Global electronic shutter 1ms to 1.01us indep of frame rate	Dynamic Range (ADC)	12bit monochrome	Memory Capacity	8GB	Upgradeable to	32GB	Camera Control Interface	High-Speed Gigabit Ethernet	Dual Slope Shutter		Lens Mount	Interchangeable F-Mount (G Type) and C-Mount	Operational shock	100G, 10ms, 6axis	Max Working Height	160 cm	Max Height without Center Column	135 cm	Min Height	8.9cm	Head Mount Type	3/8"-6 Screw	Lateral Tilt	-90 to 30 Degrees	Vertical Tilt	90 to -30 Degrees with 360 Degrees Panning
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