

Annexure – 1

Technical Specifications for 16 MP CoaxPress Machine Vision Color Camera

Qty Required: 1 No

16 MP CoaxPress Machine Vision Color Camera		
Sl. No.	Parameter	CMTI Requirement
1	Imaging Sensor	On-Semi Python 16K
2	Resolution	4096 x 4096 (16 MP)
3	Frame Rate	>= 120 FPS
4	Interface Type	CoaxPress
5	Data Output Transfer	[4 lanes x CXP-6] or [2 lanes x CXP-12]
6	Spectrum	Color
7	Sensor Format	APS-H
8	Pixel Size	4.5 μm
9	Lens Mount	M42
10	Size	$\leq 60 \text{ mm}^3$
11	Weight	< 200 gms
12	Accessories	Supporting PCIe CoaxPress Framegrabber Card with compatible connector type, no of connectors and transmission rates. Coax Cables. (Please specify right angled connectors if available) Length: 5 Metre Qty: 4 if CXP-6 Interface. 2 if CXP-12 Interface. I/O Cable: 2 – 5 Metre length, Open Ended. (Please specify right angled connectors if available). Power Supply: + 12V to +24 V (or as required by the camera). IR Cut Filter (Factory Mounted). Heat Sink. Tripod Mount Plate.
13	Warranty	Minimum 1 year.

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