

Note: Blank cells were not available at time of publication. Some values have been extrapolated from published data. Source documents are the ultimate reference.

Inst	Freedom of Motion	Type	iFOV μ rad/pixel	Image Size*					Height above nominal ground (m)	Stereo Baseline Separation	Toe in	f/number	Focus	Focus Distance (best)	Focal length (mm)	Other
				Width (pixels)	Height (pixels)	Width (deg)	Height (deg)	Diag								
HAZ	Fixed		460	5120	3840	136	102	172	0.73	24.8 front 93.4 rear	front: 20 deg out rear: parallel	f/12	Fixed	0.9 m	13.8	color
NCAM	RSM		330	5120	3840	96	73	120	2	42.4cm	parallel	f/12	Fixed	3.5 m	19.1	color
ZCAM	RSM	26mm	283	1648	1200	25.6	19.1	2	24.4cm	2.3deg	f/6.7 - f/9.5	Adjustable	0.5 m to inf	26	color plus narrowband filters	
		34mm	214			19.6	14.6							34		
		48mm	151			13.8	10.3							48		
		63mm	117			10.7	7.97							63		
		79mm	93			8.56	6.38							79		
		100mm	74			6.79	5.08							100		
		110mm	67			6.18	4.63							110		
RMI	RSM		10	2048	2048	1.08	1.08		2.1	NA	f/5	Adjustable	1.05 m to inf	563	color	
WTSN	Arm		300	1648	1200	~32	~24	~40	NA		f/9.8 - f/8.5	Adjustable	1.78 cm to inf	18.4 - 21.4	color	
ACI	Arm		115	1648	1200	10.6	7.9				f/3.8	Adjustable	4.8 cm	87.5	monochrome	
PIXL MCC	Arm		890	580	752	37.6	28.4		f/12		Fixed	25.5 mm	9.54	monochrome		
LCAM**	Fixed	2x2 downsample	1670	1024	1024	90	90	118	~0.7		f/2.7	Fixed	2 m - inf	5.8	monochrome	
RUC	Fixed		500	1280	1024	35	30		~1.3		f/7	Fixed	8 m	9.5	color	
RDC	Fixed		500	1280	1024	35	30		~0.7		f/7	Fixed	inf	9.5	color	
PUC**	Fixed		500	1280	1024	35	30		~0.7		f/7	Fixed	44 m	9.5	color	
DDC**	Fixed		400	2048	1536	48	37				f/5.6	Fixed	8 m	8	color	
CACH	Internal		12.5	5120	3840	65 mm	49 mm	81 mm	NA		f/8	Fixed	140 mm	32	color	
SkyCAM	Fixed		2108	1024	1024	124	124		~1.28		f/15	Fixed	0.5 m	5.58	monochrome	
Navcam	Heli		3600	640	480	133	100					Fixed			monochrome	
RTE	Heli		530	4224	3120	101	82					Fixed			color	

*assumes entire detector read out

**Not commandable after landing

From

ECAM <https://link.springer.com/article/10.1007/s11214-020-00765-9>

SCAM <https://link.springer.com/article/10.1007/s11214-021-00807-w>

ZCAM <https://link.springer.com/article/10.1007/s11214-020-00755-x>

ZCAM <https://link.springer.com/article/10.1007/s11214-021-00795-x>

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