



Parameter / Camera model	Units	3-DAS-1	3-DAS-2	4-DAS-1	3-OC-1	6-DAS-1
RGB channels	pcs	3 (nadir, forward, backward)	6 (double nadir, double forward, double backward)	3 (nadir, forward, backward)	3 (nadir, forward, backward)	5 (nadir, two forward, two backward)
NIR channels	pcs	-	-	1 (nadir)	-	1 (nadir)
Typical flight height	m	550 - 5500	500 - 5000	400-4000	400-4000	400-4000
Swath width on ground (nadir)	m	360 - 3600	900 - 9000	360 - 3600	360 - 3600	360 - 3600
Flight speed	km/h	110 - 400	110 - 400	110 - 400	110 - 400	110 - 400
GSD for nadir channel	cm	4,5-45	6-60	4,5-45	4,5-45	4,5-45
Quantity of image bands	pcs	9 (3x3)	18 (3x2x3)	12 (4x3)	9 (3x3)	18 (6x3)
Radiometric resolution (per band)	bit	14	14	14	14	14
Dynamic range	dB	75	70	72	72	72
Exposition time	ms	1,4-4	1,6-4,8	1,4-4	1,4-4	1,6-4,8
Focal distance for nadir	mm	110*	80*	80*	80	80
Focal distance for NIR	mm	-	-	80*	-	80
Focal distance for forward and backward	mm	110*	80*	80*	110	120
Focal distance for side view (left/right)	mm	-	-	-	-	180
Angular field of view (across the swath) for nadir	degree	36	84	48	48	48
Inclination angle between nadir and forward modules (along)	degree	26	26	26	45	26 and 45
Inclination angle between nadir and backward modules (along)	degree	16	16	16	45	16 and 45
Inclination angle between nadir and side view modules (across)	degree	-	20,5	-	-	-
Weight	kg	59	68	65	70	~85

* Optional lens with different focal distance are available on special order.