



TECHNICAL DATA LENSES AND CAMERAS | 09.2014
TECHNISCHE DATEN OBJEKTIVE UND KAMERAS | 09.2014

LENS OVERVIEW | OBJEKTIVÜBERBLICK

Manufacturer Hersteller	Lens Objektiv	Effective focal length, in mm. ¹ Effektive Brennweite, in mm ¹	ALPA Image circle at f 11, in ca. mm ALPA Bildkreis bei f 11, in ca. mm	ALPA Image circle at f 22, in ca. mm (film only) ALPA Bildkreis bei f 22, in ca. mm (nur Film)	Center filter Center-Filter	Exposure correction with center filter, in EV Belichtungs-Korrektur mit Center-Filter, in LW	Filter size Center filter size, in mm Filter-Grösse Centerfilter-Grösse in mm	Weight of the lens, in g Gewicht des Objektivs, in g	Available as „Long Barrel“ Verfügbar als „Long Barrel“	Available as „Short Barrel 34“ Verfügbar als „Short Barrel 34“	Available as „Short Barrel 17“ Verfügbar als „Short Barrel 17“	Available as „FPS Short Barrel 17“ Verfügbar als „FPS Short Barrel 17“	Shortest distance, in m Kürzeste Distanz, in m	Standard shutter (others on request) Standardverschluss (andere auf Anfrage)	ALPA Lens Corrector ALPA Lens Corrector
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ALPA LENSES | ALPA-OBJEKTIVE

Rodenstock	ALPA HR Alpagon 5.6/23 mm	23.82	70	-	E72	2.5	72 95	740	x	-	-	-	0.25	Copal 0	x
Rodenstock	ALPA HR Alpagon 4.0/32 mm	33.09	90	95	E86	1.5	86 105	990	x	-	x	x	0.40	Copal 0	x
Rodenstock	ALPA HR Alpar 4.0/35 mm	35.15	70	-	-	-	67	650	x	-	-	-	0.35	Copal 0	x
Schneider	ALPA Apo-Switar 5.6/36 mm	36.42	90	95	IIa	2.0	72 82	352	x	-	-	-	0.30	Copal 0	x
Rodenstock	ALPA HR Alpagon 4.0/40 mm	41.85	90	95	E67	2.5	67 86	755	x	-	x	x	0.50	Copal 0	x
Schneider	ALPA Apo-Helvetar 5.6/43 mm	44.65	115	125	IIj ²	1.5	67 72	400	x	-	-	-	0.50	Copal 0	x
Schneider	ALPA Apo-Helvetar 5.6/48 mm	47.55	115	125	IIj ²	1.5	67 72	420	x	-	-	-	0.50	Copal 0	x
Rodenstock	ALPA HR Alpagon 4.0/50 mm	51.68	90	95	E67	2.0	67 86	758	x	x	-	-	0.70	Copal 0	x
Schneider	ALPA Apo-Helvetar 5.6/60 mm	60.03	115	125	IIj ²	1.5	67 72	460	-	-	x	x	0.75	Copal 0	x
Rodenstock	ALPA HR Alpagon 5.6/70 mm	70.00	100	105	-	-	58	532	x	-	x	x	0.80	Copal 0	x
Schneider	ALPA Apo-Helvetar 5.6/75 mm	74.88	90	100	-	-	67	363	x	-	x	x	1.10	Copal 0	x
Rodenstock	ALPA HR Alpagon 5.6/90 mm	90.00	120	120	-	-	72	880	-	x	-	-	0.60	Copal 0	x
Schneider	ALPA Apo-Helvetar 5.6/120 mm asph.	123.6	110	110	-	-	67	540	-	x	-	-	1.20	Copal 0	x

LENSES [BUILT TO ORDER] | OBJEKTIVE [AUF BESTELLUNG]

Rodenstock	HR Digaron-S 4.5/28 mm	28.77	70	-	E72	2.5	72	860	x	-	-	-	0.30	Copal 0	x
Rodenstock	ALPA AAA Apo-Alpar 4.5/35 mm	36.07	105	120	E67	2.5	67 86	430	x	-	-	-	0.40	Copal 0	x
Schneider	Apo-Digitar 4.5/90 mm N	90.69	90	95	-	-	40.5	360	-	x	-	-	1.50	Copal 0	x
Rodenstock	HR Digaron-S 4.0/100 mm	100.08	70	-	-	-	58	610	-	x	-	-	1.80	Copal 0	x
Schneider	Apo-Digitar 5.6/150 mm N	151.30	110	110	-	-	40.5	700	-	x	-	-	1.65	Copal 0	
Schneider	Apo-Digitar 5.6/180 mm T	180.13	120	120	-	-	55	930	-	x	-	-	2.20	Copal 0	x
Rodenstock	HR Digaron-S 5.6/180 mm	179.55	80	95	-	-	67	950	-	x	-	-	5.00	Copal 0	x

LENSES [DISCONTINUED] | OBJEKTIVE [EINGESTELLT]

Schneider	ALPA Apo-Helvetar 5.6/28 mm XL	29.18	90	95	IVd	1.5	spec.	675	x	-	-	-	0.57	Copal 0	x
Schneider	Super-Angulon 5.6/38 mm XL	39.42	-	140	IIa	2.0	72 82	430	x	-	-	-	0.35	Copal 0	x
Rodenstock	ALPA AAA Apo-Alpar 4.5/45 mm	46.00	115	125	E67	2.5	67 86	526	x	-	-	-	0.60	Copal 0	x
Schneider	Super-Angulon 5.6/47 mm XL	47.96	-	165	IIIc	2.0	67 72	426	x	-	-	-	0.50	Copal 0	x
Rodenstock	ALPA AAA Apo-Alpar 4.5/55 mm	57.00	115	165	E67	2.5	67 86	550	x	-	-	-	0.90	Copal 0	x
Schneider	Super-Angulon 5.6/58 mm XL	58.15	-	165	IIIb	1.5	67 72	484	x	-	-	-	0.80	Copal 0	x
Rodenstock	HR Digaron-S 4.0/60 mm	60.55	70	-	-	-	49	473	x	x	-	x	0.70	Copal 0	x
Schneider	Apo-Digitar 4.0/80 mm L	80.34	90	-	-	-	40.5	295	x	x	-	-	1.20	Copal 0	x
Schneider	Super-Symmar Aspheric 4.5/80 mm XL	80.37	-	210	IIIb	1.5	67 72	453	x	x	-	-	1.20	Copal 0	x
Rodenstock	HR Digaron-W 5.6/90 mm	89.78	115	125	-	-	67	597	-	x	-	-	0.60	Copal 0	x
Schneider	Apo-Digitar 5.6/100 mm N	100.95	100	105	-	-	40.5	387	x	x	-	-	1.80	Copal 0	x
Schneider	Apo-Digitar 5.6/120 mm N	124.89	110	110	-	-	40.5	591	x	x	-	-	1.20	Copal 0	x
Schneider	Apo-Digitar 5.6/120 mm M	120.15	110	110	-	-	40.5	597	x	x	-	-	1.10	Copal 0	x
Schneider	Apo-Digitar 6.8/210 mm T	210.14	120	120	-	-	72	1000	-	x	-	-	2.90	Copal 0	x
Schneider	Apo-Tele-Xenar 5.6/250 mm	250.29	-	190	-	-	82	1236	x	x	-	-	3.90	Copal 1	x

¹ According to technical drawings. Hereof the real focal length can vary by ± 1% [DIN] | Gemäss Angebotszeichnungen. Die reale Brennweite kann hiervon um ± 1% Abweichen [DIN-Norm]

² Combi filter for Helvetar 43, 48 and 60. Use the supplied distancer ring for Helvetar 43 and 60 | Kombifilter für Helvetar 43, 48 und 60. Für Helvetar 43 und 60 den mitgelieferten Distanzring verwenden.

LENS MOVEMENTS: RISE, FALL, SHIFT

Digital Formats – Theoretical Movements ¹

Film Formats – Theoretical Movements ²

	Digital 24x36 [rise fall]	Digital 24x36 [shift left right]	Digital 37x37 [rise fall]	Digital 37x37 [shift left right]	Digital 33x44 [rise fall]	Digital 33x44 [shift left right]	Digital 36x48 [rise fall]	Digital 36x48 [shift left right]	Digital 36x56 [rise fall]	Digital 36x56 [shift left right]	Digital 40x54 [rise fall]	Digital 40x54 [shift left right]	Film 6x4.5 [rise fall]	Film 6x4.5 [shift left right]	Film 6x6 [rise fall]	Film 6x6 [shift left right]	Film 6x7 [rise fall]	Film 6x7 [shift left right]	Film 6x8 [rise fall]	Film 6x8 [shift left right]	Film 6x9 [rise fall]	Film 6x9 [shift left right]
short side, in mm	24	24	37	37	33	33	36	36	36	36	40	40	42	42	56	56	56	56	56	56	56	56
long side, in mm	36	36	37	37	44	44	48	48	56	56	54	54	56	56	56	56	72	72	76	76	83	83
diagonal, in mm	43	43	52	52	55	55	60	60	67	67	67	67	70	70	79	79	91	91	94	94	100	100

ALPA LENSES

	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕
Rodenstock ALPA HR Alpagon 5.6/23 mm	18	15	11	11	11	9	7	6	3	2	2	2	0	0	-	-	-	-	-	-	-	-
Rodenstock ALPA HR Alpagon 4.0/32 mm	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Schneider ALPA Apo-Switar 5.6/36 mm	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Rodenstock ALPA HR Alpar 4.0/35 mm	18	15	11	11	11	9	7	6	3	2	2	2	0	0	-	-	-	-	-	-	-	-
Rodenstock ALPA HR Alpagon 4.0/40 mm	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Schneider ALPA Apo-Helvetar 5.6/43 mm	43	38	36	36	37	33	40	36	38	32	31	27	35	31	28	28	23	20	22	18	19	14
Schneider ALPA Apo-Helvetar 5.6/48 mm	43	38	36	36	37	33	40	36	38	32	31	27	35	31	28	28	23	20	22	18	19	14
Rodenstock ALPA HR Alpagon 4.0/50 mm	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Schneider ALPA Apo-Helvetar 5.6/60 mm	43	38	36	36	37	33	40	36	38	32	31	27	35	31	28	28	23	20	22	18	19	14
Rodenstock ALPA HR Alpagon 5.6/70 mm	35	31	28	28	28	25	29	25	26	21	22	19	23	20	16	16	10	8	8	6	4	3
Schneider ALPA Apo-Helvetar 5.6/75 mm L	29	25	23	23	23	20	26	23	23	19	16	13	20	17	13	13	7	5	4	3	-	-
Rodenstock ALPA HR Alpagon 5.6/90 mm	45	41	39	39	39	36	37	33	35	29	34	30	32	28	25	25	20	17	18	15	15	12
Schneider ALPA Apo-Helvetar 5.6/120 mm asph.	40	36	33	33	34	30	31	28	29	24	28	24	26	23	19	19	14	11	12	9	8	6

LENSES [BUILT TO ORDER]

	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕	↔	↕
Rodenstock HR Digaron-S 4.5/28 mm	18	15	11	11	11	9	7	6	3	2	2	2	0	0	-	-	-	-	-	-	-	-
Rodenstock ALPA AAA Apo-Alpar 4.5/35 mm	37	33	31	31	31	28	37	33	35	29	25	22	32	28	25	25	20	17	18	15	15	12
Schneider Apo-Digitar 4.5/90 mm N	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Rodenstock HR Digaron-S 4.0/100 mm	18	15	11	11	11	9	7	6	3	2	2	2	0	0	-	-	-	-	-	-	-	-
Schneider Apo-Digitar 5.6/150 mm N	40	36	33	33	34	30	31	28	29	24	28	24	26	23	19	19	14	11	12	9	8	6
Schneider Apo-Digitar 5.6/180 mm T	45	41	39	39	39	36	37	33	35	29	34	30	32	28	25	25	20	17	18	15	15	12
Rodenstock HR Digaron-S 5.6/180 mm	24	20	17	17	17	14	23	20	20	16	10	8	17	15	10	10	3	2	1	0	-	-

LENSES [DISCONTINUED]

Schneider ALPA Apo-Helvetar 5.6/28 mm XL	29	25	23	23	23	20	23	20	20	16	16	13	17	15	10	10	3	2	1	0	-	-
Schneider Super-Angulon 5.6/38 mm XL	56	51	49	49	50	46	48	44	46	40	45	40	43	39	36	36	32	28	31	26	28	23
Rodenstock ALPA AAA Apo-Alpar 4.5/45 mm	43	38	36	36	37	33	40	36	38	32	31	27	35	31	28	28	23	20	22	18	19	14
Schneider Super-Angulon 5.6/47 mm XL	69	64	62	62	63	59	61	57	60	53	58	53	57	52	50	50	46	42	45	40	43	36
Rodenstock ALPA AAA Apo-Alpar 4.5/55 mm	43	38	36	36	37	33	61	57	60	53	31	27	57	52	50	50	46	42	45	40	43	36
Schneider Super-Angulon 5.6/58 mm XL	69	64	62	62	63	59	61	57	60	53	58	53	57	52	50	50	46	42	45	40	43	36
Rodenstock HR Digaron-S 4.0/60 mm	18	15	11	11	11	9	7	6	3	2	2	2	0	0	-	-	-	-	-	-	-	-
Schneider Apo-Digitar 4.0/80 mm L	29	25	23	23	23	20	20	17	17	13	16	13	14	12	7	7	-	-	-	-	-	-
Schneider Super-Symmar Aspheric 4.5/80 mm XL	91	86	85	85	86	82	84	79	83	75	81	76	80	75	73	73	71	65	70	63	68	60
Rodenstock HR Digaron-W 5.6/ 90 mm	43	38	36	36	37	33	40	36	38	32	31	27	35	31	28	28	23	20	22	18	19	14
Schneider Apo-Digitar 5.6/100 mm N	35	31	28	28	28	25	29	25	26	21	22	19	23	20	16	16	10	8	8	6	4	3
Schneider Apo-Digitar 5.6/120 mm N	40	36	33	33	34	30	31	28	29	24	28	24	26	23	19	19	14	11	12	9	8	6
Schneider Apo-Digitar 5.6/120 mm M	40	36	33	33	34	30	31	28	29	24	28	24	26	23	19	19	14	11	12	9	8	6
Schneider Apo-Digitar 6.8/210 mm T	45	41	39	39	39	36	37	33	35	29	34	30	32	28	25	25	20	17	18	15	15	12
Schneider Apo-Tele-Xenar 5.6/250 mm	81	76	75	75	76	72	74	69	73	65	71	66	70	65	63	63	60	55	59	53	57	49

¹ Theoretical movements are calculated via the image circle at f11. Where not available the value for f22 (analog/film use) is applied. In this case the recommendation of these lenses for digital use is restricted. The effective usable image circle can be restricted by the body geometry or maximum shift capacity of the respective camera.

² Theoretical movements are calculated via the image circle at f22. Where not available the value for f11 (digital use) is applied. The effective usable image circle can be restricted by the body geometry or the maximum shift capacity of the respective camera.

COMPARABLE FOCAL LENGTH | VERGLEICHSBRENNWEITEN

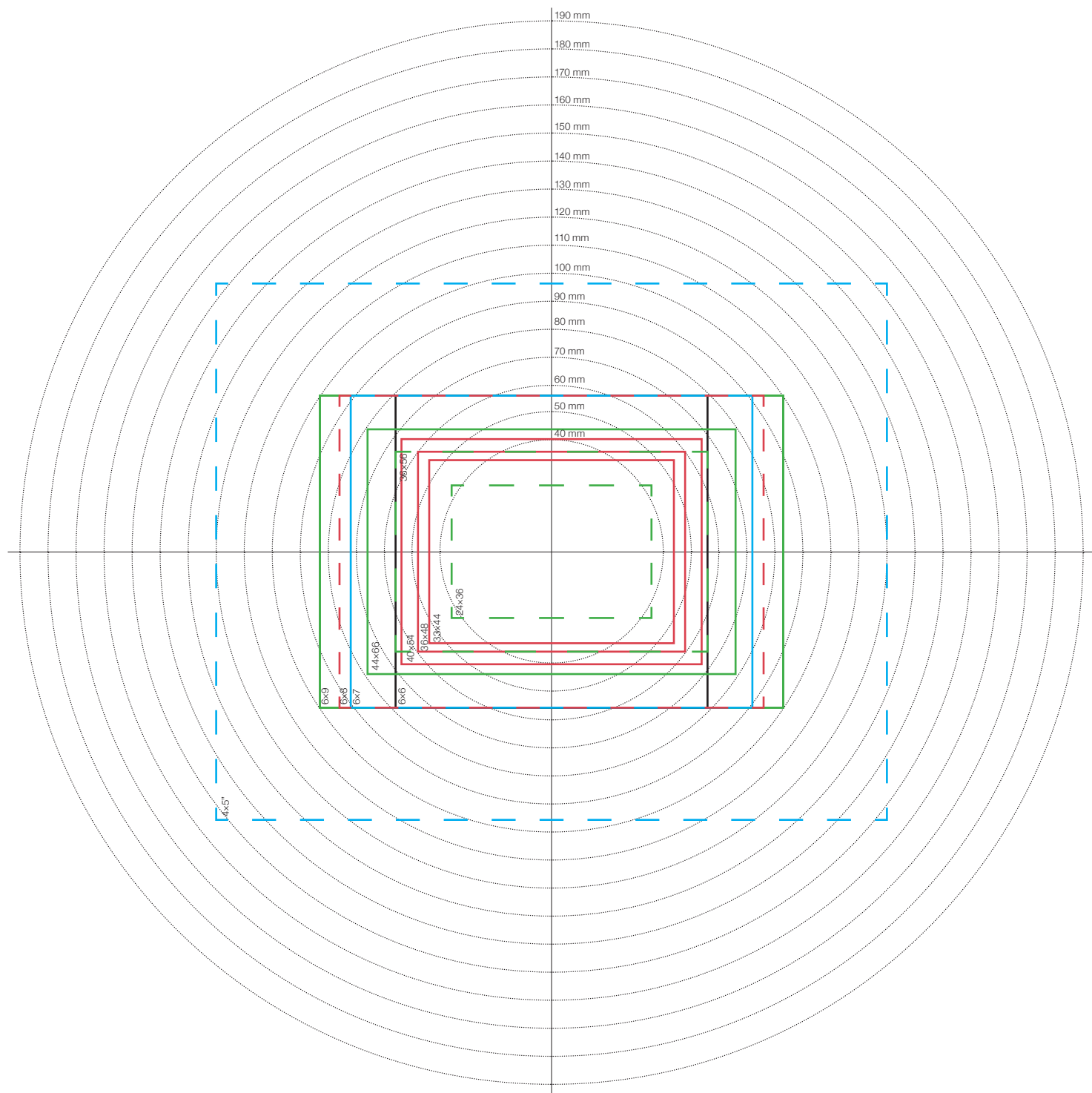
Format	Size [rounded]	Diagonal in mm	Format factor long short	23	28	32	35	36	38	40	43	45	48	50	58	60	70	75	80	90	95	100	120	150	180	210	250
				23	28	32	35	36	38	40	43	45	48	50	58	60	70	75	80	90	95	100	120	150	180	210	250
24x36	24x36	43.3	1.50 – 3:2	23	28	32	35	36	38	40	43	45	48	50	58	60	70	75	80	90	95	100	120	150	180	210	250
37x37	37x37	52.2	1.00 – 1:1	19	23	27	29	30	32	33	36	37	40	41	48	50	58	62	66	75	79	83	99	124	149	174	207
33x44	33x44	55.0	1.33 – 4:3	18	22	25	28	28	30	31	34	35	38	39	46	47	55	59	63	71	75	79	94	118	142	165	197
36x48	36x48	60.0	1.33 – 4:3	17	20	23	25	26	27	29	31	32	35	36	42	43	50	54	58	65	69	72	87	108	130	151	180
37x49	37x49	61.3	1.33 – 4:3	16	20	23	25	25	27	28	30	32	34	35	41	42	49	53	57	64	67	71	85	106	127	148	177
36x56	36x56	66.6	1.56 – 3:2	15	18	21	23	23	25	26	28	29	31	32	38	39	45	49	52	58	62	65	78	97	117	136	162
40x54	40x54	67.4	1.33 – 4:3	15	18	21	22	23	24	26	28	29	31	31	37	39	45	48	51	58	61	64	77	96	116	135	161
6x4.5	42x56	70.0	1.33 – 4:3	14	17	22	22	23	25	28	29	30	31	31	36	37	43	45	49	56	59	62	74	93	111	130	155
44x66	44x66	79.3	1.50 – 4:3	13	15	17	19	20	21	22	23	25	26	27	32	33	38	41	44	49	52	55	65	82	98	115	136
6x6	56x56	79.2	1.00 – 1:1	13	15	17	19	20	21	22	23	25	26	27	32	33	38	41	44	49	52	55	66	82	98	115	137
6x7	56x72	91.2	1.29 – 5:4	11	13	15	17	17	18	19	20	21	23	27	28	33	36	38	43	45	47	57	71	85	100	119	
6x8	56x76	94.4	1.36 – 4:3	11	13	15	16	16	17	18	20	21	22	23	27	27	32	34	37	41	44	46	55	69	82	96	115
6x9	56x84	101.0	1.50 – 3:2	10	12	14	15	15	16	17	18	19	21	21	25	26	30	32	34	39	41	43	51	64	77	90	107

FORMATS, RESOLUTION AND MEGAPIXELS | FORMATE, AUFLÖSUNG UND MEGAPIXELS

		24x36 mm		30x30 mm		37x37 mm		33x44 mm		36x48 mm		40x54 mm ¹														
Type	Sensor	Pixel	MP ²	Pixel count	MP ²	Pixel count	MP ²	Pixel count	MP ²	Pixel count	MP ²	Pixel count	MP ²	Pixel count	MP ²	Pixel count	MP ²									
Manufacturer	digital back	size	size in micron	class	long side	short side	size	long side	short side	size	long side	short side	size	long side	short side	size	long side	short side	size							
Hasselblad	CFV II	37x37	9.0	16	4'000	2'667	11	3'333	3'333	11	4'080 ³	4'080 ³	17	-	-	-	-	-	-	-						
Hasselblad	H3D-25	37x49	9.0	22	4'000	2'667	11	3'333	3'333	11	4'111	4'111	17	4'889	3'667	18	5'440 ³	4'080 ³	22	-	-	-				
Hasselblad	CFV-39	37x49	6.8	39	5'294	3'529	19	4'412	4'412	19	5'441	5'441	30	6'471	4'853	31	7'212 ³	5'412 ³	39	-	-	-				
Hasselblad	H3D-39	37x49	6.8	39	5'294	3'529	19	4'412	4'412	19	5'441	5'441	30	6'471	4'853	31	7'212 ³	5'412 ³	39	-	-	-				
Hasselblad	CFV-50	37x49	6.0	50	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'176 ³	6'132 ³	50	-	-	-				
Hasselblad	H4D-50	37x49	6.0	50	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'176 ³	6'132 ³	50	-	-	-				
Hasselblad	H4D-60	40x54	6.0	60	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'000	6'000	48	8'956 ³	6'708 ³	60	-	-	-	
Leaf	Aptus 5	36x48	9.0	22	4'000	2'667	11	3'333	3'333	11	4'111	4'111	17	4'889	3'667	18	5'334 ³	4'008 ³	21	-	-	-				
Leaf	Aptus 6	33x44	7.2	28	5'000	3'333	17	4'167	4'167	17	5'139	5'139	26	6'096 ³	4'558 ³	28	-	-	-	-	-	-	-	-	-	
Leaf	Aptus 7	36x48	7.2	33	5'000	3'333	17	4'167	4'167	17	5'139	5'139	26	6'111	4'583	28	6'666 ³	4'992 ³	33	-	-	-	-	-	-	-
Leaf	Aptus 8	33x44	6.0	40	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'312 ³	5'474 ³	40	-	-	-	-	-	-	-	-	-	-
Leaf	Credo 40	33x44	6.0	40	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'320 ³	5'484 ³	40	-	-	-	-	-	-	-	-	-	-
Leaf	Aptus-II 10	36x56	6.0	56	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'000	6'000	48	9'288 ³	6'000 ³	56	-	-	-	-
Leaf	Credo 60	40x54	6.0	60	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'000	6'000	48	8'984 ³	6'732 ³	60	-	-	-	-
Leaf	Aptus-II 12	40x54	5.2	80	6'923	4'615	32	5'769	5'769	33	7'115	7'115	51	8'462	6'346	54	9'231	6'923	64	10'320 ³	7'752 ³	80	-	-	-	-
Leaf	Credo 80	40x54	5.2	80	6'923	4'615	32	5'769	5'769	33	7'115	7'115	51	8'462	6'346	54	9'231	6'923	64	10'320 ³	7'752 ³	80	-	-	-	-
Phase One	P25+	37x49	9.0	22	4'000	2'667	11	3'333	3'333	11	4'111	4'111	17	4'889	3'667	18	5'436 ³	4'080 ³	22	-	-	-	-	-	-	-
Phase One	P45+	37x49	6.8	39	5'294	3'529	19	4'412	4'412	19	5'441	5'441	30	6'471	4'853	31	7'216 ³	5'412 ³	39	-	-	-	-	-	-	-
Phase One	P40+	33x44	6.0	40	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'320 ³	5'484 ³	40	-	-	-	-	-	-	-	-	-	-
Phase One	IQ140	33x44	6.0	40	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'320 ³	5'484 ³	40	-	-	-	-	-	-	-	-	-	-
Phase One	IQ250	33x44	5.3	50	4'516	6'774	31	5'645	5'645	32	6'963	6'963	48	8'280 ³	6'208 ³	50	-	-	-	-	-	-	-	-	-	-
Phase One	P65+	40x54	6.0	60	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'000	6'000	48	8'984 ³	6'732 ³	60	-	-	-	-
Phase One	IQ160/260	40x54	6.0	60	6'000	4'000	24	5'000	5'000	25	6'167	6'167	38	7'333	5'500	40	8'000	6'000	48	8'984 ³	6'732 ³	60	-	-	-	-
Phase One	IQ180/280	40x54	5.2	80	6'923	4'615	32	5'769	5'769	33	7'115	7'115	51	8'462	6'346	54	9'231	6'923	64	10'328 ³	7'760 ³	80	-	-	-	-

¹ Aptus-II 10 = 36x56 mm
² Megapixels, rounded
³ Pixel count in bold = effective pixel of the respective digital back

IMAGE CIRCLES AND FORMATS | BILDKREISE UND FORMATE



ALPA 12 BODIES | ALPA 12 KAMERAGEHAEUSE

		ALPA 12 TC	ALPA 12 STC	ALPA 12 WA	ALPA 12 SWA	ALPA 12 MAX	ALPA 12 XY	ALPA 12 FPS
Dimensions of the body Dimensionen des Gehäuses	Width, in mm Breite, in mm	110	145	180	180	180	220	205
	Height, in mm Höhe, in mm	110	140	115	115	205	290	115
	Depth, in mm Tiefe, in mm	20	25	45	45	30	25	35
Weight Gewicht	body alone, in grams Gehäuse alleine, in Gramm	220	590	600	640	1 200	2 600	750
Movements Bewegungen	Rise, in mm Hochshift, in mm	–	18**	–	25	25	45	none or depending on shiftable ALPA 12 body used or T/S lens
	Fall, in mm Tiefshift, in mm	–	18**	–	25***	18	25	none or depending on shiftable ALPA 12 body used or T/S lens
	Shift right, in mm Verstellung rechts, in mm	–	18**	–	–	18	25	none or depending on shiftable ALPA 12 body used or T/S lens
	Shift left, in mm Verstellung links, in mm	–	18**	–	–	18	25	none or depending on shiftable ALPA 12 body used or T/S lens
Maximum format stitched* Maximales Format mit Stitching*	Sensor 33 x 44 landscape, in mm Sensor 33 x 44, querformatig, in mm	33 x 44 Ø = 55	33 x 80 Ø = 87	33 x 44 Ø = 55	44 x 83 Ø = 94	80 x 83 Ø = 116	94 x 123 Ø = 155	33 x 44 or depending on shiftable ALPA 12 body used or T/S lens
	Sensor 33 x 44 portrait, in mm Sensor 33 x 44 hochformatig, in mm	33 x 44 Ø = 55	44 x 69 Ø = 82	33 x 44 Ø = 55	33 x 94 Ø = 100	69 x 94 Ø = 117	83 x 134 Ø = 158	33 x 44 or depending on shiftable ALPA 12 body used or T/S lens
	Sensor 36 x 48 landscape, in mm Sensor 36 x 48 querformatig, in mm	36 x 48 Ø = 60	36 x 84 Ø = 92	36 x 48 Ø = 60	48 x 86 Ø = 99	84 x 86 Ø = 121	98 x 126 Ø = 160	36 x 48 or depending on shiftable ALPA 12 body used or T/S lens
	Sensor 36 x 48 portrait, in mm Sensor 36 x 48 hochformatig, in mm	36 x 48 Ø = 60	48 x 72 Ø = 87	36 x 48 Ø = 60	36 x 98 Ø = 105	72 x 98 Ø = 122	86 x 138 Ø = 163	36 x 48 or depending on shiftable ALPA 12 body used or T/S lens
	Sensor 40 x 54 landscape, in mm Sensor 40 x 54 querformatig, in mm	40 x 54 Ø = 67	40 x 90 Ø = 99	40 x 54 Ø = 67	54 x 90 Ø = 105	90 x 90 Ø = 128	104 x 130 Ø = 167	40 x 54 or depending on shiftable ALPA 12 body used or T/S lens
	Sensor 40 x 54 portrait, in mm Sensor 40 x 54 hochformatig, in mm	40 x 54 Ø = 67	54 x 76 Ø = 94	40 x 54 Ø = 67	40 x 104 Ø = 112	76 x 104 Ø = 129	90 x 144 Ø = 170	40 x 54 or depending on shiftable ALPA 12 body used or T/S lens
	with lenses SB 17 mit SB-17-Objektiven	± 5° tilt or swing	± 5° tilt or swing	± 5° tilt or swing	+/- 5° tilt or swing	+/- 5° tilt or swing	± 5° tilt or swing	–
	with lenses SB 34 mit SB-34-Objektiven	± 2 x 5° or ± 5° tilt and ± 5° swing	± 2 x 5° or ± 5° tilt and ± 5° swing	± 2 x 5° or ± 5° tilt and ± 5° swing	± 2 x 5° or ± 5° tilt and ± 5° swing	± 2 x 5° or ± 5° tilt and ± 5° swing	± 2 x 5° or ± 5° tilt and ± 5° swing	± 5° tilt or swing
Registering distance Auflagemass	in mm	22.2	22.2	22.2	22.2	22.2	22.2	39.2

* theoretical, depending on image circle of the specific lens and possible vignetting of body/lens tube
theoretisch, abhängig vom Bildkreis des Objektivs und möglicher Vignettierung des Gehäuses und/oder Objektivtubes

** depending on body orientation; either shift left/right or rise/fall
abhängig von der Ausrichtung des Gehäuses; entweder Verstellung rechts/links oder hoch/tief

*** fall can be achieved by switching the position of the back and the lens
Tiefshift kann durch Umsetzen von Gehäuse und Objektiv erreicht werden

