

SPECIFICATION

	Focal length	Aperture range	Optical construction	Minimum focusing distance	Number of aperture blades
Photo Lenses					
8mm F3.5 UMC FISH-EYE CS II	8mm	F3.5~22	10 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	0.3m(0.98ft)	6
10mm F2.8 ED AS NCS CS	10mm	F2.8~22	14 ELEMENTS IN 9 GROUPS (2 ASPHERICAL LENS)	0.24m(0.79ft)	6
16mm F2.0 ED AS UMC CS	16mm	F2.0~22	13 ELEMENTS IN 11 GROUPS (2 ASPHERICAL LENS)	0.2m(0.66ft)	8
12mm F2.8 ED AS NCS FISH-EYE	12mm	F2.8~22	12 ELEMENTS IN 8 GROUPS (2 ASPHERICAL LENS)	0.2m(0.66ft)	8
14mm F2.8 ED AS IF UMC	14mm	F2.8~22	14 ELEMENTS IN 10 GROUPS (1 GLASS ASP & 1 HYBRID ASP)	0.28m(0.9ft)	6
24mm F1.4 ED AS IF UMC	24mm	F1.4~22	13 ELEMENTS IN 12 GROUPS (2 ASPHERICAL LENS)	0.25m(0.82ft)	8
TILT/SHIFT 24mm F3.5 ED AS UMC	24mm	F3.5~22	16 ELEMENTS IN 11 GROUPS (2 ASPHERICAL LENS)	0.2m(0.65ft)	6
35mm F1.4 AS UMC	35mm	F1.4~22	12 ELEMENTS IN 10 GROUPS (1 ASPHERICAL LENS)	0.3m(0.98ft)	8
50mm F1.4 AS UMC	50mm	F1.4~22	9 ELEMENTS IN 6 GROUPS (1 ASPHERICAL & 1 HYBRID LENS)	0.45m(1.47ft)	8
85mm F1.4 AS IF UMC	85mm	F1.4~22	9 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	1.1m(3.6ft)	8
135mm F2.0 ED UMC	135mm	F2.0~22	11 ELEMENTS IN 7 GROUPS	0.8m(2.62ft)	8
8mm F2.8 UMC FISH-EYE II	8mm	F2.8~22	11 ELEMENTS IN 8 GROUPS (2 ASPHERICAL LENS)	0.3m(1.0ft)	6
7.5mm F3.5 FISH-EYE	7.5mm	F3.5~22	9 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	0.09m(0.295ft)	6
12mm F2.0 NCS CS	12mm	F2.0~22	12 ELEMENTS IN 10 GROUPS (2 ASPHERICAL LENS)	0.2m(0.65ft)	6
300mm F6.3 Mirror UMC CS	300mm	F6.3 FIXED	8 ELEMENTS IN 8 GROUPS	1.1m(3.6ft)	FIXED
300mm F6.3 Mirror ED UMC CS	300mm	F6.3 FIXED	9 ELEMENTS IN 9 GROUPS	0.9m(2.95ft)	FIXED
Cine Lenses					
8mm T3.8 VDSLR UMC FISH-EYE CS II	8mm	T3.8~22	10 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	0.3m(1.0ft)	6
10mm T3.1 VDSLR ED AS NCS CS II	10mm	T3.1~22	14 ELEMENTS IN 9 GROUPS (2 ASPHERICAL LENS)	0.24m(0.79ft)	6
16mm T2.2 VDSLR ED AS UMC CS II	16mm	T2.2~22	13 ELEMENTS IN 11 GROUPS (1 GLASS ASP & 1 HYBRID ASP)	0.2m(0.66ft)	8
12mm T3.1 VDSLR ED AS NCS FISH-EYE	12mm	T3.1~22	12 ELEMENTS IN 8 GROUPS (2 ASPHERICAL LENS)	0.20m(0.66ft)	8
14mm T3.1 VDSLR ED AS IF UMC II	14mm	T3.1~22	14 ELEMENTS IN 10 GROUPS (1 GLASS ASP & 1 HYBRID ASP)	0.28m(1.0ft)	6
24mm T1.5 VDSLR ED AS IF UMC II	24mm	T1.5~22	13 ELEMENTS IN 12 GROUPS (2 ASPHERICAL LENS)	0.25m(0.85ft)	8
35mm T1.5 VDSLR AS UMC II	35mm	T1.5~22	12 ELEMENTS IN 10 GROUPS (1 ASPHERICAL LENS)	0.3m(1.0ft)	8
50mm T1.5 VDSLR AS UMC	50mm	T1.5~22	9 ELEMENTS IN 6 GROUPS (1 ASPHERICAL & 1 HYBRID LENS)	0.45m(1.47ft)	8
85mm T1.5 VDSLR AS IF UMC II	85mm	T1.5~22	9 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	1.1m(3.6ft)	8
135mm T2.2 VDSLR ED UMC	135mm	T2.2~22	11 ELEMENTS IN 7 GROUPS	0.8m(2.62ft)	8
8mm T3.1 Cine UMC FISH-EYE II	8mm	T3.1~22	11 ELEMENTS IN 8 GROUPS (2 ASPHERICAL LENS)	0.3m(0.98ft)	6
7.5mm T3.8 Cine UMC FISH-EYE	7.5mm	T3.8~22	9 ELEMENTS IN 7 GROUPS (1 ASPHERICAL LENS)	0.09m(0.295ft)	6
12mm T2.2 NCS CS	12mm	T2.2~22	12 ELEMENTS IN 10 GROUPS (2 ASPHERICAL LENS)	0.2m(0.65ft)	6
T-mount Lenses					
500mm F6.3 DX Mirror	500mm	F6.3 FIXED	7 ELEMENTS IN 6 GROUPS	2.0m(6.6ft)	FIXED
500mm F8.0 MC Mirror	500mm	F8 FIXED	7 ELEMENTS IN 6 GROUPS	1.7m(5.6ft)	FIXED
800mm F8.0 DX Mirror	800mm	F8 FIXED	8 ELEMENTS IN 8 GROUPS	3.5m(11.5ft)	FIXED
500mm F8.0 Preset	500mm	F8~32	4 ELEMENTS IN 4 GROUPS	10m(33ft)	8
650-1300mm MC IF F8-16	650-1300mm	F8~16	8 ELEMENTS IN 5 GROUPS	5.0m(16ft)	FIXED

Mounts

77.8 x 75.1mm	180°	440g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
87 x 106mm	105.9°	590g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 89.4mm	79.5°	585g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
72.7 x 77.3mm	118°	515g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
87 x 96.1mm	115.7°	557g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 97.5mm	84.1°	580g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
86 x 110mm	83.5°	667g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 111.5mm	63.1°	710g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
74.7 x 81.6mm	46.2°	535g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
78 x 74.7mm	28.3°	540g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
122.1 x 82mm	18.8°	830g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
60 x 64.5mm	180°	265g	APS-C	Sony E, Fujifilm X, Canon M, Samsung NX
60 x 48.3mm	180°	190g	MFT	MFT
72.5 x 59mm	98.9°	245g	APS-C	Sony E, Fujifilm X, Canon M, Samsung NX, MFT
64.5 x 76.1mm	5.5°	260g	APS-C	Canon EOS, Nikon F, Sony α , Four Thirds
64.5 x 73.8mm	5.4°	320g	APS-C	Sony E, Fujifilm X, Canon M, MFT
75 x 75.1mm	180°	455g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
87 x 106.1mm	105.9°	600g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 89.4mm	79.5°	590g	APS-C	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
70.2 x 81.6mm	124.6°	510g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
87 x 96.1mm	115.7°	620g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 97.5mm	84.1°	615g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
83 x 111.5mm	63.1°	700g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
72.2 x 81.6mm	46.2°	555g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
78 x 74.7mm	28.3°	580g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
119.6 x 82mm	18.8°	820g	Full Frame	Canon EOS, Nikon F, Sony α , Pentax K, Four Thirds, Sony E, Fujifilm X, Canon M, Samsung NX, MFT
73.6 x 64.5mm	180°	270g	APS-C	Sony E, Fujifilm X, Canon M, Samsung NX
73.6 x 48.3mm	180°	195g	MFT	MFT
73.6 x 59.1mm	98.9°	250g	APS-C	Sony E, Fujifilm X, Canon M, Samsung NX, MFT
98 x 119.5mm	5°	651g	Full Frame	T-mount (Canon, Nikon, Minolta, Sony, Pentax, Olympus, Contax, Fujica, Konica)
77 x 87.7mm	5°	330g	Full Frame	T-mount (Canon, Nikon, Minolta, Sony, Pentax, Olympus, Contax, Fujica, Konica)
111 x 144.5mm	3°	877g	Full Frame	T-mount (Canon, Nikon, Minolta, Sony, Pentax, Olympus, Contax, Fujica, Konica)
70 x 298mm	5°	640g	Full Frame	T-mount (Canon, Nikon, Minolta, Sony, Pentax, Olympus, Contax, Fujica, Konica)
105 x 462.9mm	3.8~2°	2 kg	Full Frame	T-mount (Canon, Nikon, Minolta, Sony, Pentax, Olympus, Contax, Fujica, Konica)