

## The Fujinon ZA series

Inspiring images ... remarkable value! Once more Fujinon's leading technology sets new quality standards by offering impeccably designed entry level HD lenses for the cost-effective High Definition lens and camera segment. Multiple options were analysed to reduce HD lens cost without compromising optical quality.

The solution was GO-Technology: Fujinon worked closely with all major camera manufacturers to engineer true HD lenses that are designed specifically to enhance the performance of cost-effective high-definition cameras. Fujinon's complete ZA-Select series provide high MTF values, advanced colour transmission, minimised chromatic aberration, superb ramping characteristics and true High Definition image resolution. Hi-tech glass materials with high refractive indices

and ultra-low dispersion are used to achieve the objective. Fujinon is committed to technological advancement, setting the highest standards in product quality without losing sight of environmental responsibilities. For additional ease of use, we have also fitted the all new handgrip of the HA 'Premier' Broadcast Series to the ZA lenses. This drive unit features 50% less power consumption in standby, less zoom noise for quiet shootings, even less backlash for natural images while using the servo. It also comes with a new improved ergonomic design for a safe and comfortable grip and extra space to rest your thumb in waiting position.

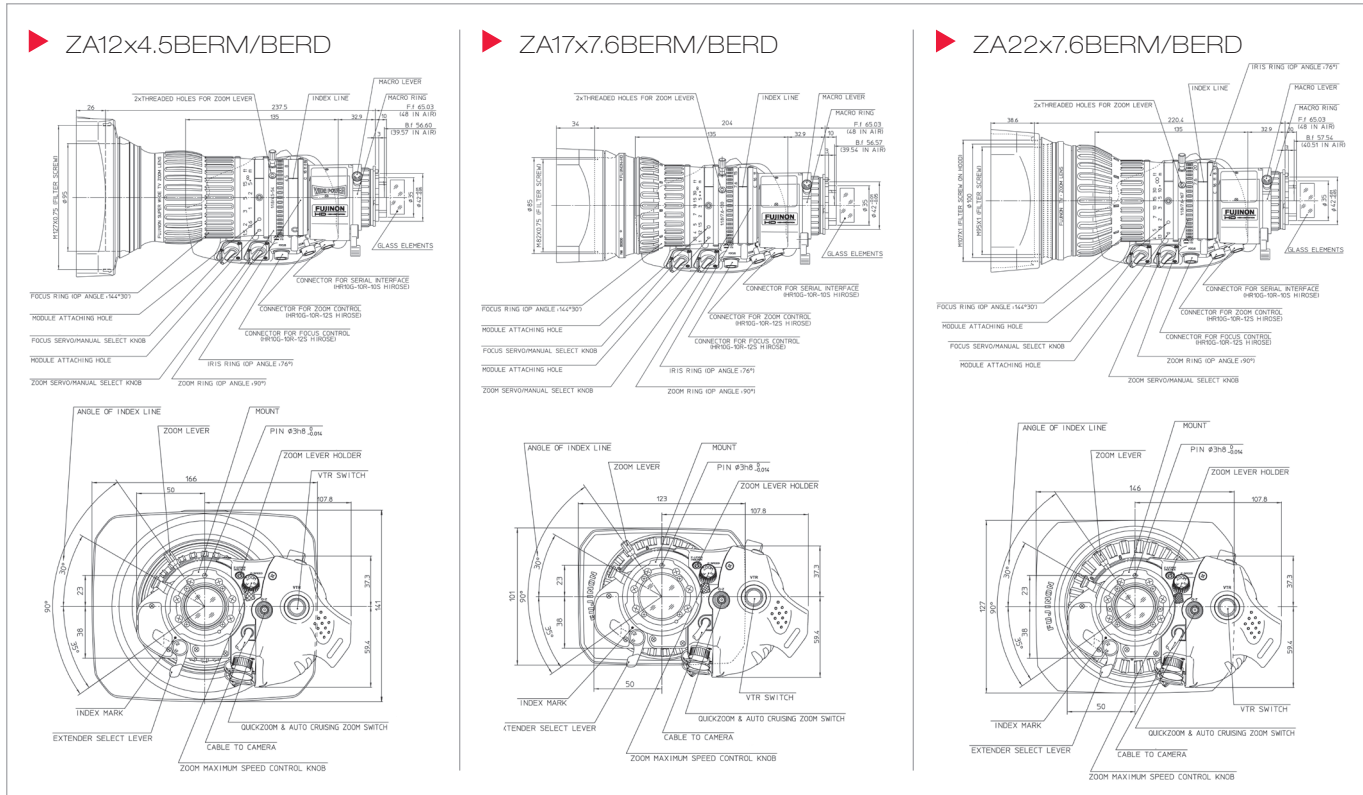
The ZA12x4.5, ZA17x7.6 and ZA22x7.6 lenses are also available without extender (BRM/BRD) for tight budgets.

Fujinon. To see more is to know more.



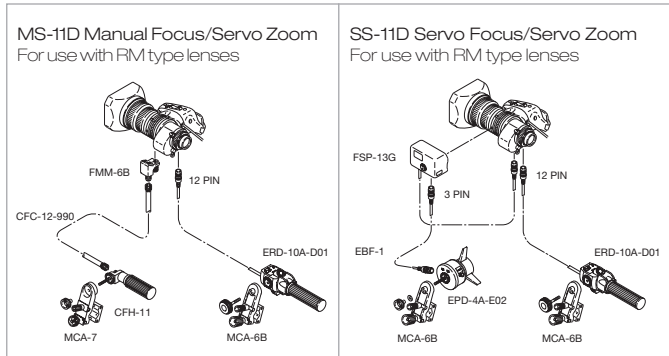
Specifications/Lens	ZA12x4.5BERM/BERD/BRM/BRD	ZA17x7.6BERM/BERD/BRM/BRD	ZA22x7.6BERM/BERD/BRM/BRD
Zoom ratio/Format	12x / 2/3"	17x / 2/3"	22x / 2/3"
Focal length	(1x) 4.5–54 mm (2x) 9–108 mm	(1x) 7.6–130 mm (2x) 15.2–260 mm	(1x) 7.6–167 mm (2x) 15.2–334 mm
Maximum relative aperture	F1.8 (4.5–41 mm) / F2.4 (59 mm)	F1.8 (7.6–102 mm) / F2.3 (130 mm)	F1.8 (7.6–120 mm) / F2.5 (167 mm)
Angular field of view 16:9 Aspect ratio (9.59 x 5.39 mm)	w/o extender (1x) 4.5 mm: 93°38' x 61°50' (1x) 54 mm: 10°09' x 5°43' w/ extender (2x) 9 mm: 56°06' x 33°20' (2x) 108 mm: 5°5' x 2°52'	(1x) 7.6 mm: 64°30' x 39°03' (1x) 130 mm: 4°13' x 2°23' (2x) 15.2 mm: 35°01' x 20°07' (2x) 260 mm: 2°07' x 1°11'	(1x) 7.6 mm: 64°30' x 39°03' (1x) 167 mm: 3°08' x 1°46' (2x) 15.2 mm: 35°01' x 20°07' (2x) 334 mm: 1°34' x 0°53'
Minimum Object Distance M.O.D. from front lens	0.3 m	0.6 m	0.8 m
Object dimensions at M.O.D. 16:9 Aspect ratio (9.59 x 5.39 mm)	w/o extender (1x) 4.5 mm: 757 x 425 mm (1x) 54 mm: 59 x 33 mm w/ extender (2x) 9 mm: 373 x 210 mm (2x) 108 mm: 31 x 17 mm	(1x) 7.6 mm: 696 x 392 mm (1x) 130 mm: 43 x 24 mm (2x) 15.2 mm: 384 x 196 mm (2x) 260 mm: 21 x 12 mm	(1x) 7.6 mm: 909 x 511 mm (1x) 167 mm: 43 x 24 mm (2x) 15.2 mm: 455 x 256 mm (2x) 334 mm: 22 x 12 mm
Filter size	ø 127 mm P=0.75 (in hood)	ø 82 mm P=0.75 (on barrel)	ø 95 mm P=1 (on barrel) / ø 107 mm P=1 (in hood)
Dia ø x Length (w/o hood)	ø 95 x 237.5 mm	ø 85 x 203 mm	ø 100 x 222.6 mm
Weight (w/o lens hood)	1.93 kg (RM) / 2.0 kg (RD)*	1.53 kg (RM) / 1.6 kg (RD)*	1.75 kg (RM) / 1.82 kg (RD)*
Options	16-bit encoder	16-bit encoder	16-bit encoder
Features	GO-Technology, Inner Focus, QuickZoom		

\* RD contains servos for zoom and focus.

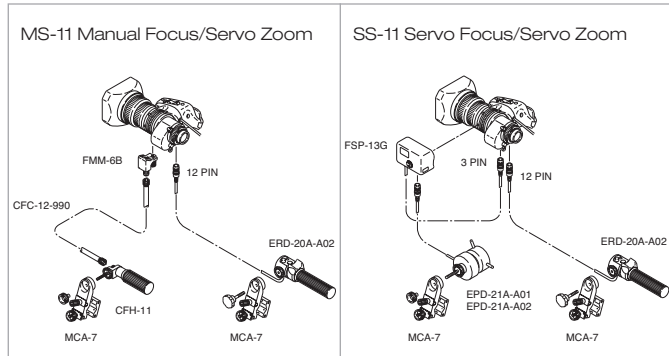


Model	Type	ø Size	Converter	Mag.	Converted Focal Length (mm)	M.O.D. in m	Weight in kg
ZA12x4.5	Wide	95 mm	WAT-W95	0.83x	4.5→3.7	0.20	0.42
	Tele	85 mm	TCV-H85	1.5x	130.0→195.0	1.35	1.10
ZA17x7.6	Wide	85 mm	WCV-H85	0.8x	7.6→6.1	0.38	1.05
	Wide	85 mm	WAT-H85	0.7x	7.6→5.3	0.29	0.36
	Fish-Eye	85 mm	F-ATH85	0.57x	7.6→4.3	0.19	0.36
ZA22x7.6	Tele	100 mm	TCV-H100	1.5x	167.0→250.0	1.80	1.00
	Wide	100 mm	WCV-H100	0.8x	7.6→6.1	0.51	1.05
	Wide	100 mm	WAT-H100	0.7x	7.6→5.3	0.39	0.53
	Fish-Eye	100 mm	F-ATH100	0.57x	7.6→4.3	0.26	0.63

▶ DIGI POWER rear control kits



▶ Standard rear control kits



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Specifications are subject to change without notice. 09/11