

## The extended-range standard ENG HD lens. Fujinon HA22x7.8ERM/ERD



With the performance needed for a true high-definition lens, the HA22x7.8 lens with its zoom ratio of 22x combines the world's highest magnification for handheld HD zoom lenses with an extended angle of view. The new, ground-breaking optical and ergonomical design using Fujinon's proprietary GO-Technology raises the limit when it comes to optical performance. At the same time the size and weight of the lens have been reduced to a minimum. With an improved maximum relative aperture of F1.8 and short minimum object distance of 0.8 m, this lens provides added visual power using its extended field of view and high magnification.

The HA22x7.8 is designed with a multitude of applications in mind. Ideal as a sports, wildlife, news or drama lens, the lens can be tailored by the camera operator to suit individual situations. Features like Quickzoom, Autocruising zoom, one-shot preset for zoom and focus, ten different zoom modes and selectable zoom speed are quickly adjusted to enhance production and reduce time and cost. All functions use simple, clearly marked switches and dials. A serial digital remote-control interface for standard PC or custom solutions provides a production-friendly lens enabling the camera operator to concentrate fully on his subject. All

Fujinon's current analogue as well as the new digital accessories are fully compatible with DIGI POWER ENG lenses.

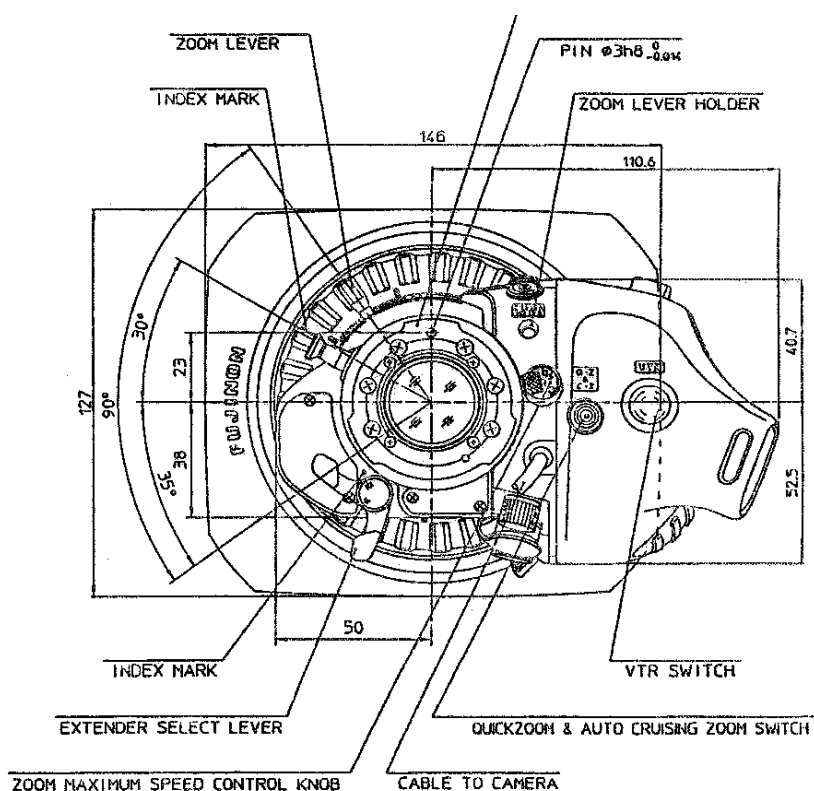
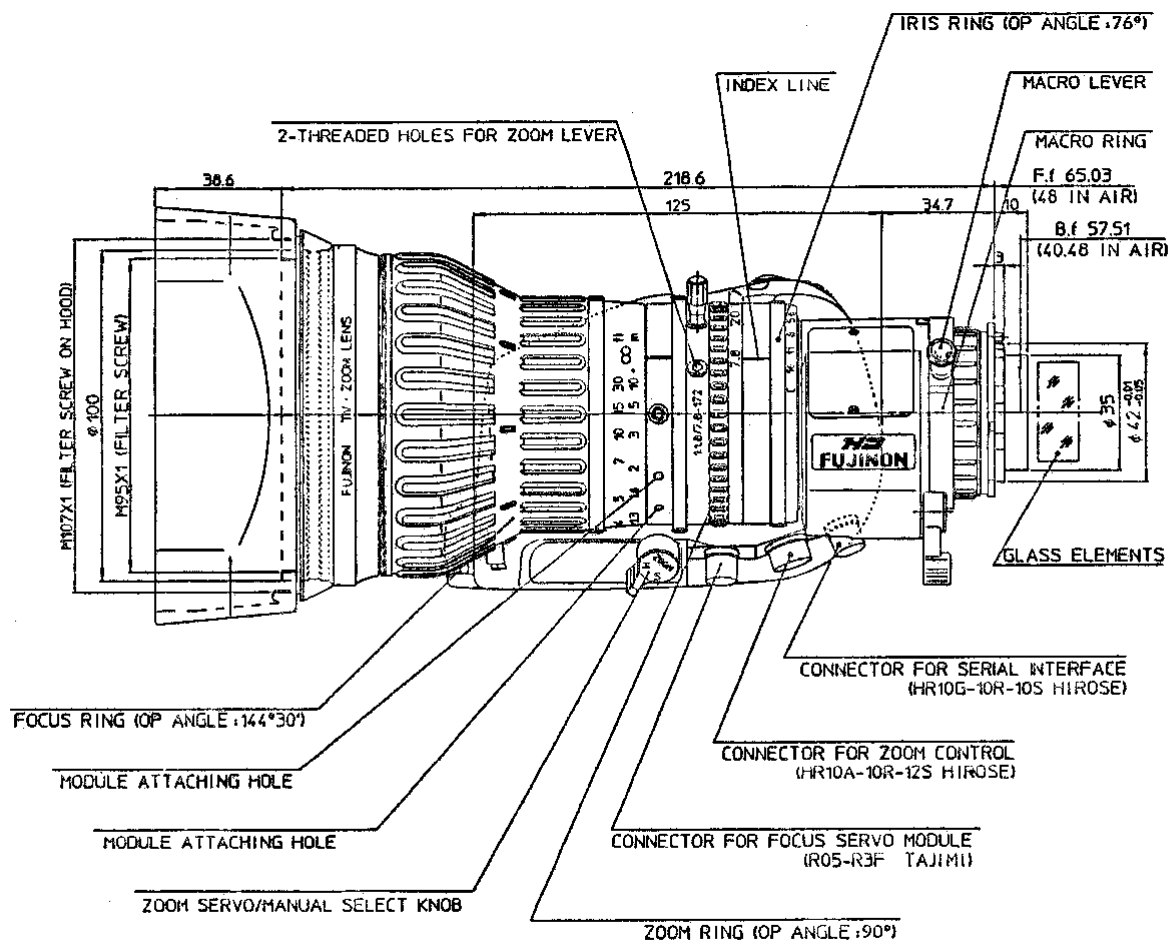
The HA22x7.8 meets the needs of the next generation of digital HD production.

**Fujinon. To see more is to know more.**

Specifications/Lens		HA22x7.8ERM/ERD	
Zoom ratio		22x	
Extender		2x	
Focal length w/o extender		7.8 – 172 mm	
Focal length w/ extender		15.6 – 344 mm	
Maximum relative aperture		F1.8 (7.8 – 122 mm) / F2.5 (172 mm)	
Angular field of view	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 7.8 mm: 63°10' x 38°07' (1x) 172 mm: 3°12' x 1°48'	(2x) 15.6 mm: 34°10' x 19°36' (2x) 344 mm: 1°36' x 0°54'
Minimum Object Distance (M.O.D.)		0.8 m	
Object dimensions at M.O.D.	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 7.8 mm: 936 x 526 mm (1x) 172 mm: 43 x 24 mm	(2x) 15.6 mm: 468 x 263 mm (2x) 344 mm: 21 x 12 mm
Length		Ø 100 x 218.6 mm	
Macro		Yes	
Filter thread		M95 x 1 / M107 x 1	
Weight (without lens hood)		1.78 kg / 1.85 kg	
Operating system		RM / RD	
Ratio converter		Yes (upon request)	
Memo		INNER FOCUS, DIGI POWER ENG, QUICKZOOM, ZOOM LIMIT	

Specifications are subject to change without notice.





## ACCESSORIES HA22x7.8

<b>Filters</b>	
EFL-95 UV	UV
EFL-95 SL	Skylight
EFL-95 N2	Neutral density 2
EFL-95 N4	Neutral density 4
EFL-95 N8	Neutral density 8
EFL-95 CS	Cross screen
EFL-95 SN	Snow cross
EFL-95 SU	Sunny cross
EFL-95 SF	Soft focus
EFL-95 PL	Polarizing
Converters	Front-mounted, zooming possible, no loss in F-number of master lens
TCV-H100	Tele converter (1.5x)
WCV-H100	Wide converter (0.8x)
Attachments	Front-mounted, zooming not possible, no loss in F-number of master lens, use at wide-angle position
WAT-H100	Wide attachment (0.7x)
F-ATH100	Fish-Eye attachment (0.57x)
HCL-H50100	Close-up lens (0.5 m)

Annotations: Specifications are subject to change without notice.  
For more detailed information and for additional accessories,  
please refer to the general catalogue.