

# Fujinon Broadcast ENG series.

## The telephoto standard lens. Fujinon A 22 x 7.8 ERM/ERD.

Fujinon's A22x7.8 lens is unrivaled in performance and features and is the longest focal length ENG hand held zoom lens commercially available. This lens has a high zoom ratio of 22x and the widest angle of view in its category. A new, revolutionary design featuring Fujinon's modified GO Technology raises the limit when it comes to optical performance whilst

reducing the size and weight of the lens to a minimum.

The A22x7.8 is designed for ENG production with digital servo-controls. The camera operator can virtually tailor the lens to fit individual situations by selecting from a variety of functions using the digitized drive units and servo controls. Features like QUICKZOOM, Auto-cruising zoom,



A22 x 7.8 ERM



Specifications/Lens		A22 x 7.8 BE
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		F 1.8 (7.8 – 124 mm) F 2.5 (172 mm)
Angular field of view (Hor. x Vert. in °)	4:3 Aspect ratio (8.8x6.6 mm)	7.8 mm: 58°51' x 45°52' 172 mm: 2°56' x 2°12'
	16:9 Aspect ratio (9.59x5.39 mm)	7.8 mm: 63°10' x 38°07' 172 mm: 3°12' x 1°48'
Minimum Object Distance		0.8 m
M.O.D.		0.05 m in macro operation
Object dimensions at M.O.D. (Hor. x Vert. in mm)	4:3 Aspect ratio (8.8x6.6 mm)	7.8 mm: 859 x 644 mm 172 mm: 39 x 29 mm
	16:9 Aspect ratio (9.59x5.39 mm)	7.8 mm: 936 x 526 mm 172 mm: 43 x 24 mm
Length		217.5 mm
Macro		yes
Filter Thread		ø 95 mm, P=1
Weight (without lens hood)		1.73 kg / 1.80 kg*
Operating system		RM / RD*
Ratio Converter		yes (upon request)
QUICKFRAME		yes (upon request)
Memo		Inner Focus, DIGI POWER ENG

Specifications are subject to change without notice.

one shot preset for zoom and focus (focus only w/ RD-type drive-unit), 10 different zoom modes, selectable zoom speed and serial digital remote control by PC provide a user-friendly lens enabling the camera-operator

to concentrate fully on his subject. All Fujinon's current analogue, as well as the new digital accessories, can be used with DIGI POWER ENG lenses.

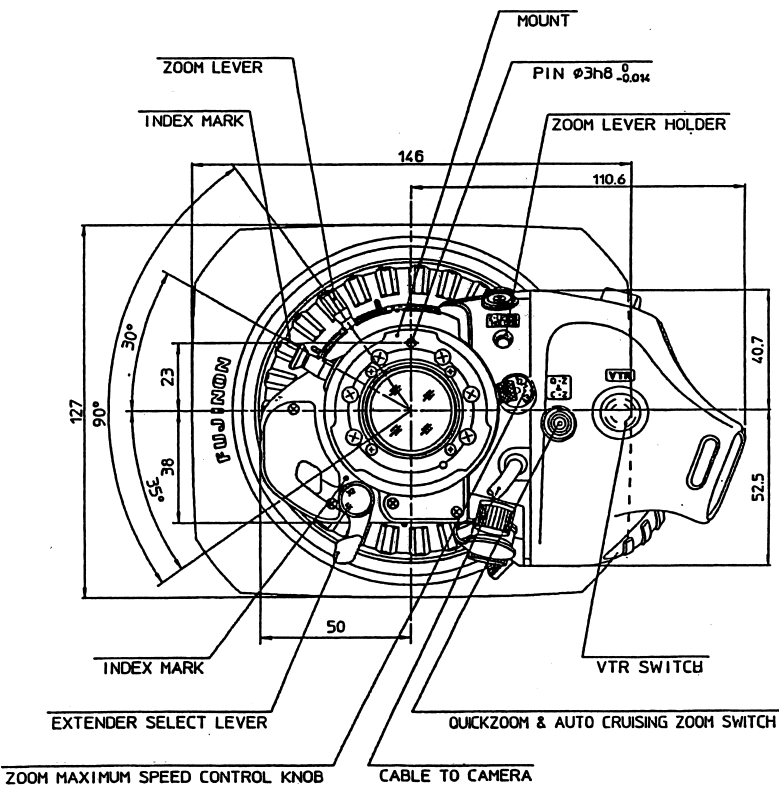
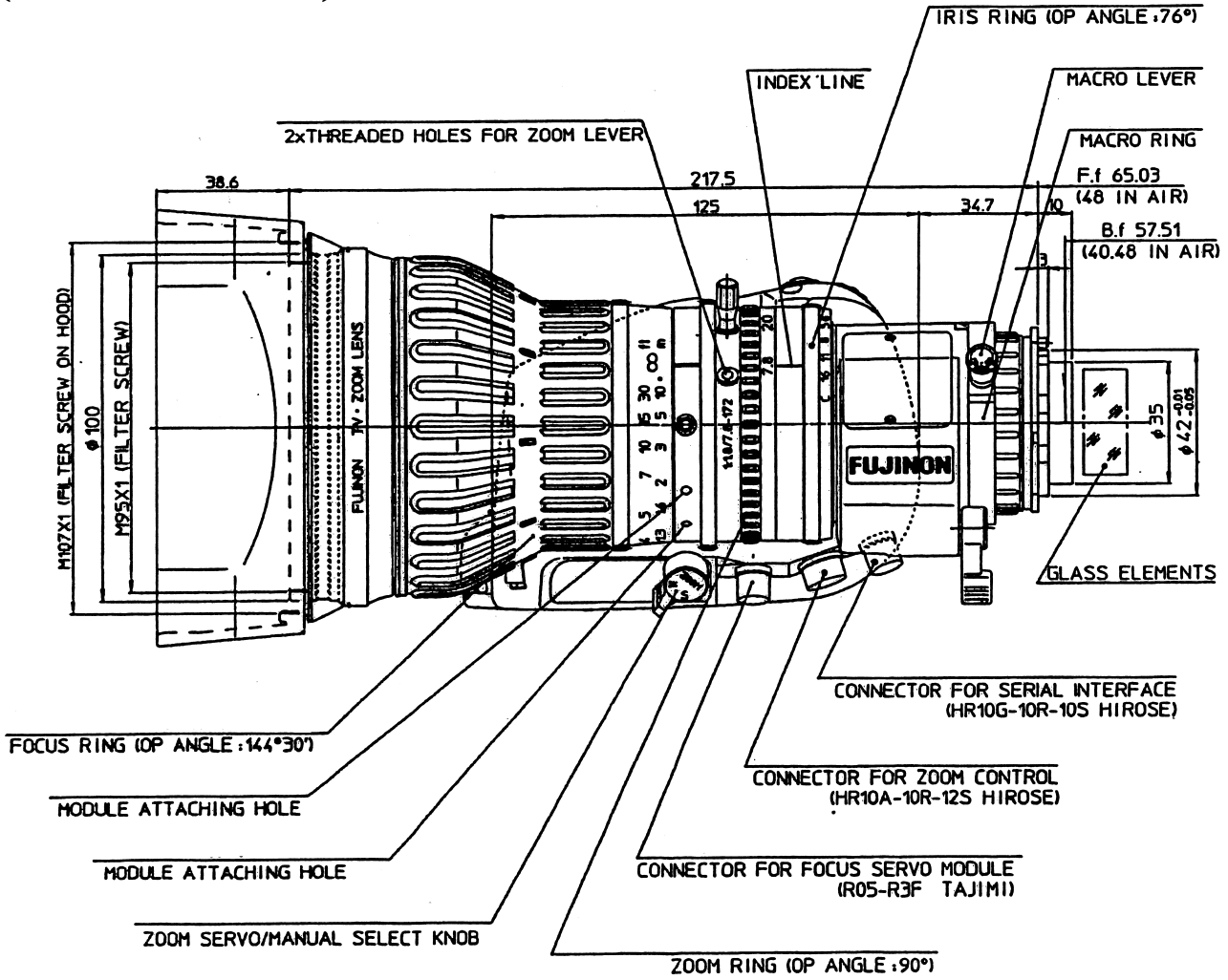
The A22x7.8 is designed to meet the needs of the next generation of digital broadcasting.

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



# Outline drawings.

(A22 x 7.8 BERM)



ACCESSORIES A22 x 7.8	
<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 the master lens
TCV-100B	Tele Converter (1.6x) M.O.D. 2,05
WCV-100C	Wide Converter (0.8x) M.O.D. 0,51
Attachments	Front-mounted, zooming not possible no loss in F-number of the master lens, use at wide angle position
WAT-95SC	Wide attachment (0.7x) M95x1 Screw Type

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