

Fujinon High Definition Telephoto lens XA99x8.4BESM



As the manufacturer of the widest range of HDTV Broadcast lenses under the well renowned brand of Fujinon, yet another stunning high end telephoto zoom lens with an improved wide angle has been added to the broad range of top-class Fujinon HDTV Broadcast lenses. The XA99x8.4BESM incorporates Fujinon's dustproof and anti-fogging technology and a fixed front element which also serves as a protection for the front focus group. Fujinon's exclusive GO-Technology improves image resolution and chromatic aberrations at all focal lengths.

As standard the 16-bit optical encoding output provides high positioning accuracy in virtual environments and can also be fully remote controlled via RS-232.

The advanced back focus system on the XA99x allows macro shooting from as close as 0.3m from the object. The XA99x lens has an improved F-drop at tele side and offers all the advantages of Fujinon's DIGI POWER functions for ease of use. Another time and money saving feature is the compatibility of Fujinon's unique "FIND" diagnostic system.

The XA99x is outstanding in its class because it combines high-performance imaging, a long zoom reach and an ultra-wide angle, and can also be combined with the unique and award winning Fujinon PF Precision Focus System. The extremely rugged, versatile and reliable telephoto zoom lens is ideal for even the most demanding live sports and studio productions.

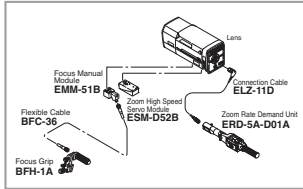
The XA99x HD long tele lens is the right choice, combining stunning specifications and an attractive price point. Fujinon. To see more is to know more.

Specifications		XA99x8.4BESM / optional with PF (Precision Focus System)	
Application		2/3"	
Zoom ratio		99x	
Extender		2x	
Focal length	w/o extender w/ extender	8.4–832 mm 16.8–1,664 mm	
Maximum relative aperture		1:1.7 (8.4–341mm) / 1:4.15 (832mm)	
Angular field of view 16:9 Aspect ratio		(1x) 8.4 mm: 59°26' x 35°35' (1x) 832 mm: 0°40' x 0°22'	(2x) 16.8 mm: 31°52' x 18°14' (2x) 1,664 mm: 0°20' x 0°11'
Minimum Object Distance M.O.D.		3.55 m (from image plane) 2.9 m (from front lens)	
Object dimensions at M.O.D. 16:9 Aspect ratio		(1x) 8.4 mm: 2,950 x 1,658 mm (1x) 832 mm: 31 x 17 mm	(2x) 16.8 mm: 1,538 x 864 mm (2x) 1,664 mm: 16 x 9 mm
Size (H x W x L)		258 x 264 x 610 mm	
Macro		Yes	
Mass (with lens hood)		23.5 kg / 26 kg with PF	
Operating system		DIGI POWER	
Features ²		D&A Find f_{focus} OS-TECH FS AC VC 16bit	
Options ²		PF	
Available model		XA99x9.5BESM-S, OS-Tech Stabi. / XA99x8.4BESM-SK, OS-Tech Stabi. and PF	

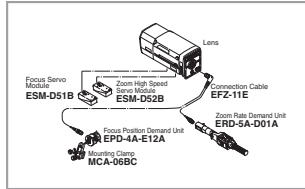
² 2nd page: legend for logos

► Accessories for EFP box lenses

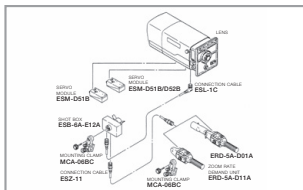
MS-21DB
Manual Focus / Manual Zoom



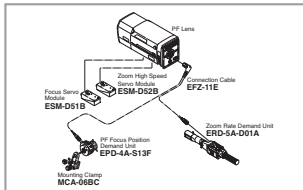
SS-21DB
Servo Zoom / Servo Focus



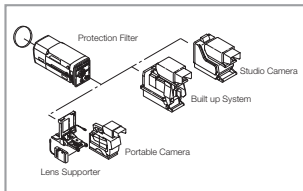
SS-23DB
(Shot Box w / Focus Demand)



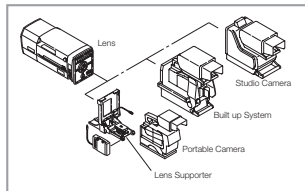
SS-21PF
Servo Zoom / Servo Focus



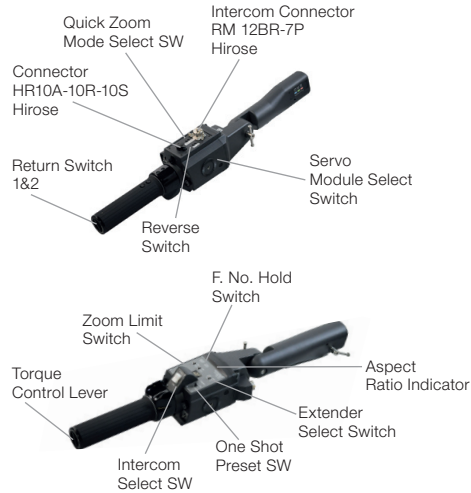
Studio Lens System



Field Lens System



DIGiPower Zoom demand



ESM-51B/ESM 52B Servos



Digital Servo Modul
Normal Zoom
Servo Modules ESM-51B =
1 sec. High Speed Zoom
ESM 52B = 0,6 sec.

ELH-112*/Lens Support



Fujinon's convenient ELH*
bracket allows studio/field
lenses to be used with
hand-held type cameras.
*required dep. on application

EPD-4A-E12A



Three-mode fine servos
+ MCA-B120 Mounting
clamp. By shifting the
sensitivity from the wide
side to the telephoto side
of the focus range, this
control provides more pre-
cise focusing for studio or
sports productions.

EPD-4A-S13F+MCA-06BC



PF System Focus demand
+ MCA-06BC Mounting
clamp. PF Focus Position
demand offering fast and
slow focus correction idea
for all kind of productions as
well as Fujinon's DIGiPower
functions.

ESB-6A-E12A/Shot box



As part of the SS-23DB re-
mote kit, this shot-box offers
DigiPower Functions such
as a selection of focus modes
and others in addition of
six shot places buttons.

MCA-06BC



Heavy and durable qual-
ity clamp for EPD-focus
demand.

D&A Dust proof & Anti-fogging

Find Find System

AB Advanced Back Focus

OS-TECH Optical Stabilized Technology

FS Floating System

AC Automatic compensation of focus breathing

VC Virtual Connector

16bit 16-bit Virtual Connector

PF Precision Focus System

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