

Fujinon High Definition Telephoto lens XA101x8.9BESM with optional PF



The new XA101x8.9BESM telephoto lens offers an unprecedented 101x magnification combined with the widest angle of any high magnification sports lens, making it ideal for shooting widescreen 16:9 HD as well as 4:3 standard definition images.

The XA101x includes Fujinon's exclusive built-in OS-TECH optical stabilisation system for rock-steady, crystal-clear image capture, as well as the world-wide proven PF precision Focus assist system. Whilst the built-in moisture removal system will keep the lens operating even under the harshest conditions. Distance is no object any more.

The HD field lenses combine Fujinon's most advanced optics, inner focus mechanism, extremely quiet operation and modular construction.

A multiple-element zoom group designed specifically for the XA101x minimises coma and field curvature whilst reducing the overall size and weight of the lens. Being light weight it offers a great advantage for outside broadcasting operations.

In addition, Fujinon's advanced back focus technology enables remote control of macro and focus fade on wide shots – a feature unique to Fujinon in this category of lens.

All Fujinon ENG, EFP and HD broadcast lenses are equipped with digital controls. The XA101x offers all the advantages of DIGI POWER features like F-number limit, QuickZoom, Two-Shot-Presets and other digital functions increasing your production possibilities.

Fujinon. To see more is to know more.

Specifications/Lens		XA101x8.9BESM	
Application		2/3" Format	
Zoom ratio		101x	
Extender		2x	
Focal length w/o extender		8.9–900 mm	
Focal length w/ extender		17.8–1,800 mm	
Maximum relative aperture		F1.7 (8.9–291 mm) / F4.7 (900 mm)	
Angular field of view	4:3 Aspect ratio (8.8 x 6.6 mm)	(1x) 8.9 mm: 52°37' x 40°41' (1x) 900 mm: 0°34' x 0°25'	(2x) 17.8 mm: 27°46' x 21°0' (2x) 1,800 mm: 0°17' x 0°13'
	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 8.9 mm: 56°38' x 33°42' (1x) 900 mm: 0°37' x 0°21'	(2x) 17.8 mm: 30°09' x 17°13' (2x) 1,800 mm: 0°18' x 0°10'
Minimum Object Distance M.O.D.		2.9 mm	
Object dimensions at M.O.D.	4:3 Aspect ratio (8.8 x 6.6 mm)	(1x) 8.9 mm: 2,629 x 1,972 mm (1x) 900 mm: 26 x 20 mm	(2x) 17.8 mm: 1,315 x 986 mm (2x) 1,800 mm: 13 x 10 mm
	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 8.9 mm: 2,865 x 1,610 mm (1x) 900 mm: 28 x 16 mm	(2x) 17.8 mm: 1,433 x 805 mm (2x) 1,800 mm: 14 x 8 mm
Size HxWxL		265 x 270 x 660 mm (L.714 w/PF)	
Macro		yes (upon request)	
Mass (with lens hood)		23.8 kg / 25 kg (w/PF)	
Operating system		SM	
Ratio converter		yes (upon request)	
Stabiliser		Built-in OS-TECH	
Memo		DIGI POWER, ADVANCED BACK FOCUS, Precision Focus Assist System (optional)	

