

Fujinon High Definition Telephoto lens XA66x9.3BESM

The Fujinon HDTV field lens XA66x9.3 features High Definition performance in a cost-effective package. It is ideally suited for sports events and other large venues.

The XA66x9.3 completes the range of Fujinon's industry-leading line of HD telephoto lenses. With a focal length range of 9.3 to 615 mm (x1) and 18.6 to 1,230 mm (x2) and a minimum object distance of 2.7 m this lens has built a bridge between Fujinon's longer High Definition lenses like the XA72x9.3BESM and shorter lenses like the HA42x9.7ERD. The rugged construction, zoom ratio and advanced optical quality of the new XA66x9.3BESM makes it the ideal choice for field applications, but also for indoor events, such as ice hockey,

arena football and concerts. In such cases extreme telephoto lenses are not required but all features of a full studio box type lens are desired.

A 32-bit RISC processor unit controls all major lens functions and ensures extremely accurate operation of zoom and focus through its high magnification. The high-speed, 13-bit serial communication link between the zoom/focus demands and the lens enables smooth, precise overall control. The zoom/focus mode provides three distinctive rotational curves for zoom and focus. This function is extremely useful when switching between completely different productions such as drama and sport. The XA66x9.3 is equipped with advanced back focus



mechanism, Inner Focus and DIGI Power functions which offer excellent performance and ease of operation. The lens employs optical encoders, which increase reliability and offer extremely high positioning accuracy when the lens is used in robotics and virtual studio applications.

Fujinon's new XA66x9.3BESM offers high performance and user benefits at a great price.

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Specifications/Lens		XA66x9.3BESM	
Zoom ratio		66x	
Extender		2x	
Focal length w/o extender		9.3–615 mm	
Focal length w/ extender		18.6–1,230 mm	
Maximum relative aperture		F1.7 (9.3–325 mm) / F3.5 (615 mm)	
Angular field of view	4:3 Aspect ratio (8.8 x 6.6 mm)	(1x) 9.3 mm: 2,346 x 1,760 mm (1x) 615 mm: 36 x 27 mm	(2x) 18.6 mm: 1,173 x 880 mm (2x) 1,230 mm: 18 x 13 mm
	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 9.3 mm: 2,558 x 1,438 mm (1x) 615 mm: 39 x 22 mm	(2x) 18.6 mm: 1,279 x 719 mm (2x) 1,230 mm: 19 x 11 mm
Minimum Object Distance M.O.D.		2.7 m	
Object dimensions at M.O.D.	4:3 Aspect ratio (8.8 x 6.6 mm)	(1x) 9.3 mm: 50°38' x 39°04' (1x) 615 mm: 0°49' x 0°37'	(2x) 18.6 mm: 26°37' x 20°07' (2x) 1,230 mm: 0°25' x 0°18'
	16:9 Aspect ratio (9.59 x 5.39 mm)	(1x) 9.3 mm: 54°33' x 32°19' (1x) 615 mm: 0°54' x 0°30'	(2x) 18.6 mm: 28°55' x 16°29' (2x) 1,230 mm: 0°27' x 0°15'
Size H x W x L		253 x 253 x 644 mm	
Macro		Yes	
Mass		21.5 kg	
Operating system		SM	
Ratio converter		Yes (optional)	
Memo		DIGI Power, Advanced Back Focus	

Specifications are subject to change without notice.



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