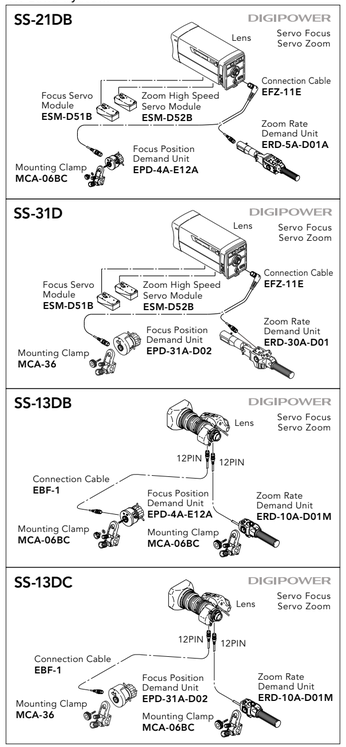
Specifications

	4K Plus Premier			4K Premier				
								
	UA80x9 1.2x EXT	**UA22x8**	**UA13x4.5**	**UA107x8.4**	**UA27x6.5**	**NEW UA24x7.8**	**UA18x5.5**	**UA14x4.5**
Focal Length	(1×) 9–720mm (1.2×) 10.8–864mm (2×) 18–1440mm	(1×) 8–176mm (2×) 16–352mm	(1×) 4.5–59mm (2×) 9–118mm	(1×) 8.4–900mm (2×) 16.8–1800mm	(1×) 6.5–180mm (2×) 13–360mm	(1×) 7.8–187mm (2×) 15.6–374mm	(1×) 5.5–100mm (2×) 11–200mm	(1×) 4.5–63mm (2×) 9–126mm
Zoom Ratio	80×	22×	13×	107×	27×	24×	18×	14×
Extender	1.2× 2×	2×	2×	2×	2×	2×	2×	2×
Maximum Relative Aperture (F-No.)	1:1.7 (9–350mm) 1:3.5 (720mm)	1:1.8 (8–124mm) 1:2.55 (176mm)	1:1.8 (4.5–41mm) 1:2.6 (59mm)	1:1.7 (8.4–340mm) 1:4.5 (900mm)	1:1.5 (6.5–123mm) 1:2.2 (180mm)	1:1.8 (7.8–118mm) 1:2.85(187mm)	1:1.8 (5.5–62mm) 1:2.9 (100mm)	1:1.8 (4.5–41mm) 1:2.8 (63mm)
Minimum Object Distance (M.O.D) from Front Lens	3.7m	0.85m	0.3m	3.05m	0.6m	0.8m	0.4m	0.3m
Object Dimensions at M.O.D. 16:9 Aspect Ratio	(1×) 9mm 3501mm × 1968mm 720mm 46mm × 26mm (1.2×) 10.8mm 3009mm × 1692mm 864mm 39mm × 22mm (2×) 18mm 1816mm × 1021mm 1440mm 23mm × 13mm	(1×) 8mm 905mm × 509mm 176mm 43mm × 24mm (2×) 16mm 472mm × 265mm 352mm 22mm × 12mm	(1×) 4.5mm 744mm × 418mm 59mm 54mm × 30mm (2×) 9mm 367mm × 206mm 118mm 28mm × 16mm	(1×) 8.4mm 3053mm × 1717mm 900mm 30mm × 17mm (2×) 16.8mm 1594mm × 896mm 1800mm 15mm × 9mm	(1×) 6.5mm 1063mm × 597mm 180mm 38mm × 21mm (2×) 13mm 529mm × 297mm 360mm 20mm × 11mm	(1×) 7.8mm 883mm × 496mm 187mm 38mm × 21mm (2×) 15.6mm 459mm × 258mm 374mm 20mm × 11mm	(1×) 5.5mm 800mm × 450mm 100mm 44mm × 25mm (2×) 11mm 395mm × 222mm 200mm 22mm × 12mm	(1×) 4.5mm 744mm × 418mm 63mm 51mm × 29mm (2×) 9mm 365mm × 205mm 126mm 27mm × 15mm
Angular Field of View 16:9 Aspect Ratio	(1×) 9mm 56.1° × 33.3° 720mm 0.8° × 0.4° (1.2×) 10.8mm 47.9° × 28.0° 864mm 0.6° × 0.4° (2×) 18mm 29.8° × 17.0° 1440mm 0.4° × 0.2°	(1×) 8mm 61.9° × 37.2° 176mm3.1° × 1.8° (2×) 16mm 33.4° × 19.1° 352mm1.6° × 0.9°	(1×) 4.5mm 93.6° × 61.8° 59mm 9.3° × 5.2° (2×) 9mm 56.1° × 33.3° 126mm4.7° × 2.6°	(1×) 8.4mm 59.4° × 35.6° 900mm 0.6° × 0.3° (2×) 16.8mm 31.9° × 18.2° 1800mm 0.3° × 0.2°	(1×) 6.5mm 72.8° × 45.0° 180mm 3.1° × 1.7° (2×) 13mm 40.5° × 23.4° 360mm 1.5° × 0.9°	(1×) 7.8mm 63.2° × 38.1° 187mm 2.9° × 1.7° (2×) 15.6mm 34.2° × 19.6° 374mm 1.5° × 0.8°	(1×) 5.5mm 82.2° × 52.2° 100mm 5.5° × 3.1° (2×) 11mm 47.1° × 27.5° 200mm 2.7° × 1.5°	(1×) 4.5mm 93.6° × 61.8° 63mm 8.7° × 4.9° (2×) 9mm 56.1° × 33.3° 126mm 4.4° × 2.5°
Filter Thread	—	M127 × 0.75 (Filter attaches to the lens hood)		—	—	M107 × 1 (Filter attaches to the lens hood)	M127 × 0.75 (Filter attaches to the lens hood)	
Size (approx.)	258 × 264 × 610mm (H × W × L)	ø110 × 241.5mm (ø × Length)	ø95 × 253mm (ø × Length)	258 × 264 × 610mm (H × W × L)	258 × 264 × 536mm (H × W × L)	ø100 × 220.5mm (ø × Length)	ø95 × 240.5mm (ø × Length)	ø95 × 238.5mm (ø × Length)
Mass (approx.)	23.5kg	2.55kg (without hood)	2.28kg (without hood)	23.9kg	22.8kg	1.98kg (without hood)	2.04kg (without hood)	2.21kg (without hood)

4K Lens System



FUJIFILM Corporation

Optical Device & Electronic Imaging Product Division
http://fujifilm.jp/business/broadcastcinema/lens/

For your safety and proper operation, please read the manual before using the equipment.

Printed in Japan Y201709-01

FUJIFILM
Value from Innovation

FUJINON

4K ULTRA HD

TELEVISION LENSES

4K Plus Premier

UA80x9 1.2x EXT 9 – 720mm/10.8–864mm

UA22x8 8 – 176mm

UA13x4.5 4.5 – 59mm

4K Premier

UA107x8.4 8.4 – 900mm

UA27x6.5 6.5–180mm

NEW UA24x7.8 7.8– 187mm

UA18x5.5 5.5 – 100mm

UA14x4.5 4.5 – 63mm

FUJINON

4K ULTRA HD

TELEVISION LENSES

FUJINON is blazing a trail in 4K imaging, with outstanding 4K optical performance.

NEW

2/3″ 4K ULTRA HDTV ZOOM LENS

UA24x7.8

- Highest zoom ratio in its class*: 24 times zoom
- The lightest 4K portable lens available, 1.98kg.

*Portable 4K television broadcasting lens used with shoulder-mount cameras
As of Aug. 15, 2017 (in-house research)

Introducing the New Expanded 4K Broadcast Lens Lineup from FUJINON.

4K demands a higher dimension of performance, and the expanded FUJINON 4K broadcast lens lineup meets the challenge. Extending the limits of "High Resolution", "High Contrast" and "High Dynamic Range", FUJINON's cutting-edge optical technology presents the next standard in optical performance — image quality that exceeds the high expectations of imaging professionals.

HIGH RESOLUTION

Crystal clear and crisp 4K image quality is achieved by using optical simulation technologies to reduce every kind of aberration to unprecedented low levels.

HIGH CONTRAST

Excellent 4K imaging quality of even distant detail is faithfully conveyed to the camera by elevating optical performance in the frequency bands that cover the most commonly viewed imaging.

HIGH DYNAMIC RANGE

High-fidelity transmittance of "blacks" to the camera is essential to imaging expression, and FUJINON achieves this with advanced optical material and the latest in lens coating technology. Transmittance is increased to achieve 4K class imaging expression rich in color gamut reproduction.

Reach the summit of 4K optical performance with FUJINON's state-of-the-art technologies

OPTICAL TECHNOLOGY

Minimal aberrations over the entire zoom range and extremely high contrast are achieved by our newly developed zoom approach and our floating focus system.

CONTROL TECHNOLOGY

Boasting focusing control with 4 times the accuracy of a conventional lens system, the extreme focusing precision of FUJINON exceeds even the level demanded by 4K.

MANUFACTURING TECHNOLOGY

Advanced manufacturing technology enables ideal configuration and positioning of lens elements for optimized performance while ultra-high resolution is attained by nano-level precision polishing of the large-diameter aspherical lens elements.

COATING TECHNOLOGY

4K imaging expression rich in color reproduction is realized by the increased red and blue transmittance ratio – a benefit of the HT-EBC coating with the highest transmittance and lowest reflectivity ratios possible.

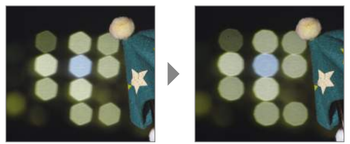
FUJINON 4K Lens High Performance Essentials

Stable imaging even at high zoom ratios thanks to Image Stabilization Technology

The lenses features high-precision vibration isolation/detection technology and a drive system that facilitates incredibly stable tracking. The superb image stabilization is achieved by proactive control driven by a high-speed CPU running a highly specialized algorithm. Image blur caused by vibrations or swaying due to the wind or shifts in the camera platform, or swingback during operation is minimized for clear, stable image quality.

FUJINON 4K Lens High Performance Essentials

The adoption of a 9-blade iris results in the expression of not only more beautiful out-of-focus bokeh, but more natural and pleasing bright objects.



6-blade iris F5.6　　9-blade iris F5.6

Flagship series with surpassing 4K optical performance

4K Plus Premier

2/3″4K ULTRA HDTV ZOOM LENS

UA80x9 1.2x EXT

Up to 864mm focal length with the acclaimed UA80x9 featuring the built-in 1.2x Extender

Enhance our flagship's focal length of 9mm wide angle to 720mm telephoto with the built-in 1.2x Extender featuring optical performance beyond 4K. The extended range of 10.8mm to 864mm expands both your scope of capturing the moment in every imaginable scene and your capability to express every detail in immersive 4K image quality.

*Focal length when using the 2x Extender is 18mm–1,440mm.

2/3″ 4K ULTRA HDTV ZOOM LENS

UA22x8

Focal length of 8–176mm: beyond 4K optical performance and the power of a 22x Zoom

FUJINON's original optical simulation technology empowers you with a 22x zoom and optical performance beyond 4K requirements across the entire zoom range from the center to the edges of your image. Our pursuit of high resolution, high contrast and high dynamic range add up to superior image quality and your production of content with exceptional realism.

2/3″ 4K ULTRA HDTV ZOOM LENS

UA13x4.5

13x zoom from an ultra wide angle 4.5–59mm and the impact of beyond 4K optical quality

Shooting at the ultra-wide angle 4.5mm coupled with FUJINON's beyond 4K optical performance results in images with an amazing reduction of both the distortion and degraded resolution commonly experienced with extreme wide angle shooting. The telephoto focal length of 59mm lets you cover the full zoom range with a single lens and capture high image quality in a broad variety of situations.

Excellent 4K optical performance for versatile shooting

4K Premier

2/3″ 4K ULTRA HDTV ZOOM LENS

UA107x8.4

107x – the World's highest zoom ratio and 4K optical performancethrough the entire 8.4–900mm focal length

Cutting-edge optical simulation technology puts the world's highest zoom ratio* of 107x and a focal length from a wide angle 8.4mm to a super telephoto 900mm in your hands. In every imaginable scene from live sports broadcasts to stadium concerts, FUJINON expands the possibilities of 4K production quality.

*World's best portable 4K television broadcasting lens
As of Aug. 15, 2017 (in-house research)

2/3″ 4K ULTRA HDTV ZOOM LENS

UA27x6.5

Tap the full potential of 4K optical performance with the focal length of 6.5–180mm and large F1.5 aperture of this 27x lens

Original optical technology and cutting-edge ultra-precision processing result in center-to-edge 4K optical performance across the zoom range. From the wide-angle 6.5mm to 180mm telephoto, this large aperture 27x lens (F1.5) is the versatile lens solution for every shooting situation that demands ultra HDTV 4K quality from the studio to sports broadcasting.

NEW

2/3″ 4K ULTRA HDTV ZOOM LENS

UA24x7.8

4K high-definition quality, combining a class-leading* 24 times zoom ratio and the lightest weight, 1.98kg.

The 24 times high zoom ratio covers an extensive focal length range from a 7.8mm wide-angle to a 187mm telephoto.Excellent balance is achieved through the compact design and lightweight 1.98kg, achieving outstanding center-of-gravity.

*Portable 4K television broadcasting lens used with shoulder-mount cameras
As of Aug. 15, 2017 (in-house research)

2/3″ 4K ULTRA HDTV ZOOM LENS

UA18x5.5

With a focal length of 5.5–100mm, this 4K 18x zoom lens is the optical solution for diverse shooting situations

Reducing distortion and peripheral resolution degradation while delivering peerless 4K image quality, this single lens boasts a focal length from a wide 5.5mm to 100mm zoom. This versatility combined with its high operability and mobility empowers shooting in a wide range of situations from indoor or outdoor program production to news-centric applications.

2/3″ 4K ULTRA HDTV ZOOM LENS

UA14x4.5

Ultra-wide 4.5mm to 63mm (14x zoom) with 4K optical performance in a compact lightweight package

FUJINON's new ultra-wide angle lens delivers 4K optical performance and minimal distortion to the edge of the image from wide angle 4.5mm to telephoto 63mm. In diverse situations, the lens can capture the scene with immersive ultra HDTV 4K realism that will transport the viewer to the best seat at the event.