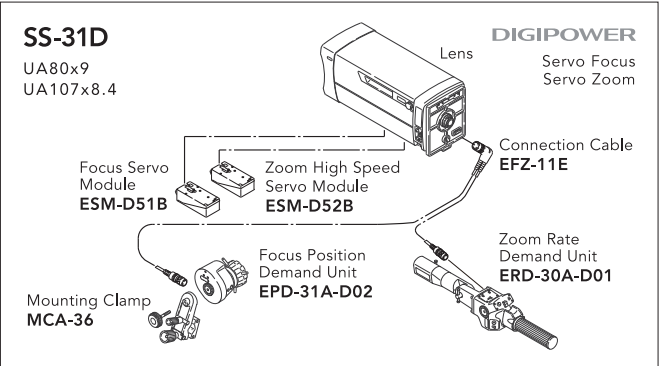
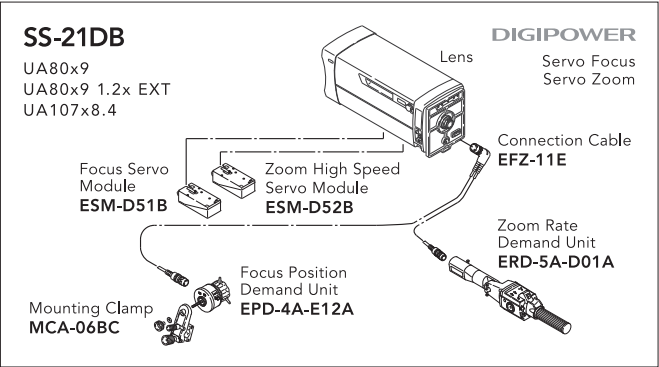
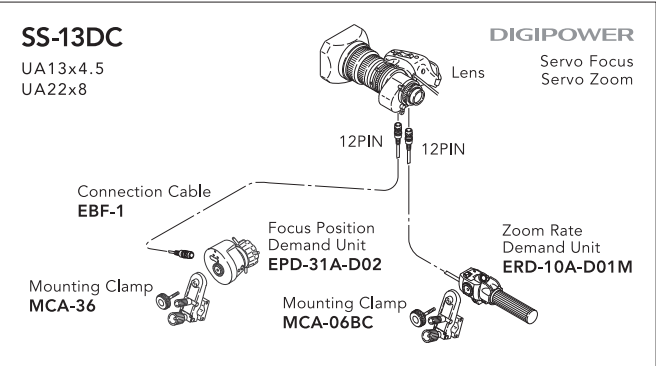
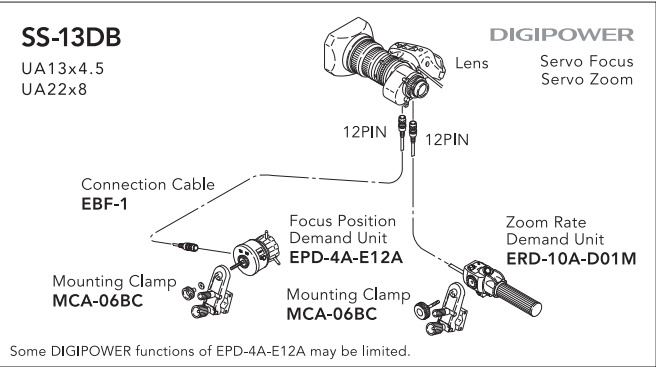


	4K Plus Premier 	4K Plus Premier 	4K Premier 	4K Plus Premier 	4K Plus Premier 
	UA80x9	<b>NEW</b> UA80x9 1.2x EXT	<b>NEW</b> UA107x8.4	<b>NEW</b> UA13x4.5	UA22x8
Focal Length	(1×) 9–720mm (2×) 18–1440mm	(1×) 9–720mm (1.2×) 10.8–864mm (2×) 18–1440mm	(1×) 8.4–900mm (2×) 16.8–1800mm	(1×) 4.5–59mm (2×) 9–118mm	(1×) 8–176mm (2×) 16–352mm
Zoom Ratio	80×	80×	107×	13×	22×
Extender	2×	1.2× 2×	2×	2×	2×
Maximum Relative Aperture	1:1.7 (9–350mm) 1:3.5 (720mm)	1:1.7 (9–350mm) 1:3.5 (720mm)	1:1.7 (8.4–340mm) 1:4.5 (900mm)	1:1.8 (4.5–41mm) 1:2.6 (59mm)	1:1.8 (8–124mm) 1:2.55 (176mm)
Minimum Object Distance (M.O.D) from Front Lens	3.7m	3.7m	3.05m	0.3m	0.85m
Object Dimensions at M.O.D. 16:9 Aspect Ratio	(1×) 9mm 3303mm × 1856mm 720mm 43mm × 24mm (2×) 18mm 1714mm × 963mm 1440mm 22mm × 12mm	(1×) 9mm 3303mm × 1856mm 720mm 43mm × 24mm (1.2×) 10.8mm 2839mm × 1596mm 864mm 37mm × 21mm (2×) 18mm 1714mm × 963mm 1440mm 22mm × 12mm	(1×) 8.4mm 3053mm × 1717mm 900mm 30mm × 17mm (2×) 16.8mm 1594mm × 896mm 1800mm 15mm × 9mm	(1×) 4.5mm 744mm × 418mm 59mm 54mm × 30mm (2×) 9mm 367mm × 206mm 118mm 28mm × 16mm	(1×) 8mm 905mm × 509mm 176mm 43mm × 24mm (2×) 16mm 472mm × 265mm 352mm 22mm × 12mm
Angular Field of View 16:9 Aspect Ratio	(1×) 9mm 56° 06' × 33° 20' 720mm 0° 46' × 0° 26' (2×) 18mm 29° 50' × 17° 02' 1440mm 0° 23' × 0° 13'	(1×) 9mm 56° 06' × 33° 20' 720mm 0° 46' × 0° 26' (1.2×) 10.8mm 47° 53' × 28° 01' 864mm 0° 38' × 0° 21' (2×) 18mm 29° 50' × 17° 02' 1440mm 0° 23' × 0° 13'	(1×) 8.4mm 59° 26' × 35° 35' 900mm 0° 37' × 0° 21' (2×) 16.8mm 31° 52' × 18° 14' 1800mm 0° 18' × 0° 10'	(1×) 4.5mm 93° 38' × 61° 50' 59mm 9° 18' × 5° 14' (2×) 9mm 56° 06' × 33° 20' 118mm 4° 39' × 2° 37'	(1×) 8mm 61° 52' × 37° 14' 176mm 3° 07' × 1° 45' (2×) 16mm 33° 22' × 19° 07' 352mm 1° 34' × 0° 53'
Filter Thread	–	–	–	M127 × 0.75 (Filter attaches to the lens hood)	M127 × 0.75 (Filter attaches to the lens hood)
Size (approx.)	258 × 264 × 610mm (H × W × L)	258 × 264 × 610mm (H × W × L)	258 × 264 × 610mm (H × W × L)	ø 95 × 253mm (ø × Length)	ø 110 × 241.5mm (ø × Length)
Mass	23.5kg	23.5kg	23.9kg	2.28kg (without hood)	2.55kg (without hood)

4K Box Lens System



4K Portable Lens System





# FUJINON



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

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.

## 4K Plus Premier

Flagship series with surpassing 4K optical performance



2/3" 4K ULTRA HDTV ZOOM LENS

**UA80x9**

Flagship-class focal length of 9–720mm and beyond 4K optical performance

From a wide angle 9mm to a super telephoto 720mm, this field box zoom lens with an 80x zoom ratio empowers you with coverage of the full focal length range. In this flagship model, FUJINON’s cutting-edge optical technology has taken resolution, contrast and dynamic range to new heights and realized our quest to achieve image quality that meets and surpasses the demands of 4K.



NEW



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 range of 9mm wide angle to telephoto 720mm 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 power of 22x Zoom

FUJINON’s original optical simulation technology empowers you with 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.



NEW



2/3" 4K ULTRA HDTV ZOOM LENS

**UA13x4.5**

13x zoom from 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 a broad variety of situations.



NEW



2/3" 4K ULTRA HDTV ZOOM LENS

**UA107x8.4**

107x – the World’s highest zoom ratio and 4K optical performance through the entire 8.4-900mm focal length range

Cutting-edge optical simulation technology puts the world’s highest zoom ratio\* of 107x and a focal length range from a wide angle 8mm 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 highest zoom ratio among broadcast-use, field box-type 4K zoom lens products based on publicly available information as of April 12, 2016.

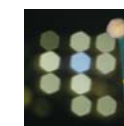
## FUJINON 4K Lens High Performance Essentials

Stable imaging even at high zoom thanks to Image Stabilization Technology

The lens 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.

9-blade iris for more natural depiction of both bright objects and “bokeh”

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

