

# CINEMA

## LENS CATALOGUE

NEWLY  
LAUNCHED



2023

8K

4K

# RF CINEMA PRIME LENSES

**NEWLY LAUNCHED**  
ADVANCE BOOKING OPEN



CN-R85mm T3.1 L F



CN-R20mm T1.5 L F



CN-R24mm T1.5 L F



CN-R35mm T1.5 L F



CN-R50mm T1.3 L F



CN-R85mm T1.3 L F



CN-R135mm T2.2 L F



# CANON'S LENS TECHNOLOGY: WELCOME TO THE 8K & 4K ERA



CN-E20-50mm T2.4 L F  
CN-E20-50mm T2.4 L FP



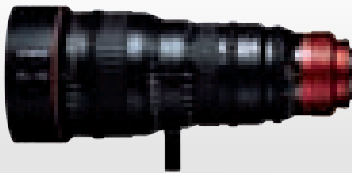
CN-E45-135mm T2.4 L F  
CN-E45-135mm T2.4 L FP



CN-E14-35mm T1.7 L S  
CN-E14-35mm T1.7 L SP



CN-E31.5-95mm T1.7 L S  
CN-E31.5-95mm T1.7 L SP



CN-E14.5-60mm T2.6 L S  
CN-E14.5-60mm T2.6 L SP



CN-E30-300mm T2.95-3.7 L S  
CN-E30-300mm T2.95-3.7 L SP



CN-E15.5-47mm T2.8 L S  
CN-E15.5-47mm T2.8 L SP



COMPACT-SERVO  
18-80mm T4.4 EF



COMPACT-SERVO  
70-200mm T4.4 EF



CN-E30-105mm T2.8 L S  
CN-E30-105mm T2.8 L SP



CN7x17 KAS S/E1  
CN7x17 KAS S/P1



CN10x25 IAS S/E1  
CN10x25 IAS S/P1



CN20x50 IAS H/E1  
CN20x50 IAS H/P1



CN-E14mm T3.1 FP X



CN-E20mm T1.5 FP X



CN-E24mm T1.5 FP X



CN-E35mm T1.5 FP X



CN-E50mm T1.3 FP X



CN-E85mm T1.3 FP X



CN-E135mm T2.2 FP X



CN-E14mm T3.1 L F



CN-E20mm T1.5 L F



CN-E24mm T1.5 L F



CN-E35mm T1.5 L F



CN-E50mm T1.3 L F



CN-E85mm T1.3 L F



CN-E135mm T2.2 L F

# CINEMA LENS LINEUP



NEWLY  
LAUNCHED

## RF CINEMA PRIME LENSES

The first RF lens series in the Canon family that supports 35mm full-frame cameras and provides optical performance for 8K and 4K cameras. These lenses provide outstanding optical performance with rich expressive capabilities and an 11-blade aperture for beautiful bokeh. The consistent colour balance, HDR support, and seamless operability consistency make this a perfect cinema lens series.



## CINE-SERVO Series

Canon Cine-Servo Lenses support cinema production as well as 4K content creation for broadcast. Featuring a servo drive unit, they can be ideal for shooting scenarios where speed and mobility are key. Covering an extreme range of 17mm-1000mm with three lenses, the Cine-Servo series are designed for the most demanding use cases.



## SUMIRE PRIME Series

Canon is introducing a new line of cinema prime lenses named "Sumire Prime" (pronounced "Soo-mee-ray") - associated with a floral gentleness and beauty. A unique optical design introduces a nuanced look as the lens aperture approaches its maximum setting - subtly modifying the textural renderings of the human facial close-up. It also smooths the transition to the fall-off portions of the scene resulting in a pleasing bokeh. This combination adds emotional expressiveness to a memorable scene.



## ZOOM Series

Canon Cinema Zoom Lenses offer superb optical performance that achieves 8K resolution and are designed to meet the most demanding of high-end productions. They combine fluorite and aspherical lens elements, the latest in advanced optical coatings and superior lens designs for outstanding edge-to-edge image quality with minimal focus breathing.



## FLEX ZOOM LENS

The Full-Frame compatible Cinema Lens series offers T2.4 with a large aperture ratio. These lenses increase the expressive range in depth of field while carrying on the operability of Cinema Style.



## PRIME Series

The well established series of Canon Cinema Prime Lenses offer spectacular 8K image quality and a full-frame image circle housed in lightweight and compact design. They feature high optical speed of up to T1.3 for some lenses and produce remarkably sharp 8K images. Focus breathing and geometric distortion are also tightly controlled in this high performance series of affordable prime lenses.



## COMPACT ZOOM Series

Canon Cinema Compact Zoom Lenses offer 8K resolution in a remarkably small and light housing. Both lenses feature a constant T-number (2.8) throughout their zoom ranges as well as the latest advancements in lens design for outstanding image quality, controlled lens breathing and minimal distortion.



## COMPACT-SERVO Series

The Compact-Servo series of lenses are aimed at users looking for the benefits of a cinema lens in a smaller and lighter package. Featuring cinema lens advantages such as stepless iris and geared focus rings, they are capable of high image quality in a smaller housing.

## ZOOM Lens Series

➔ P. 10 & 12



CN-E14.5-60mm T2.6 L S  
CN-E14.5-60mm T2.6 L SP



CN-E30-300mm T2.95-3.7 L S  
CN-E30-300mm T2.95-3.7 L SP

## COMPACT ZOOM Lens Series

➔ P. 12 & 13



CN-E15.5-47mm T2.8 L S  
CN-E15.5-47mm T2.8 L SP



CN-E30-105mm T2.8 L S  
CN-E30-105mm T2.8 L SP



CN-E20-50mm T2.4 L F  
CN-E20-50mm T2.4 L FP



CN-E45-135mm T2.4 L F  
CN-E45-135mm T2.4 L FP

## SUMIRE PRIME Lens Series

➔ P. 8 & 13



CN-E14mm T3.1 FP X



CN-E20mm T1.5 FP X



CN-E24mm T1.5 FP X



CN-E35mm T1.5 FP X



CN-E50mm T1.3 FP X



CN-E85mm T1.3 FP X



CN-E135mm T2.2 FP X

## PRIME Lens Series

➔ P. 14



CN-E14mm T3.1 L F



CN-E20mm T1.5 L F



CN-E24mm T1.5 L F



CN-E35mm T1.5 L F



CN-E50mm T1.3a L F



CN-E85mm T1.3 L F



CN-E135mm T2.2 L F

## CINE-SERVO Lens Series

➔ P. 14



CN7x17 KAS S/E1  
CN7x17 KAS S/P1



CN10x25 IAS S/E1  
CN10x25 IAS S/P1



CN20x50 IAS H/E1  
CN20x50 IAS H/P1

## COMPACT-SERVO Lens Series

➔ P. 15



CN-E18-80mm T4.4 L IS KAS S



CN-E70-200mm T4.4 L IS KAS S



ZSG-C10

# MEETING THE DEMANDS OF THE 4K ERA

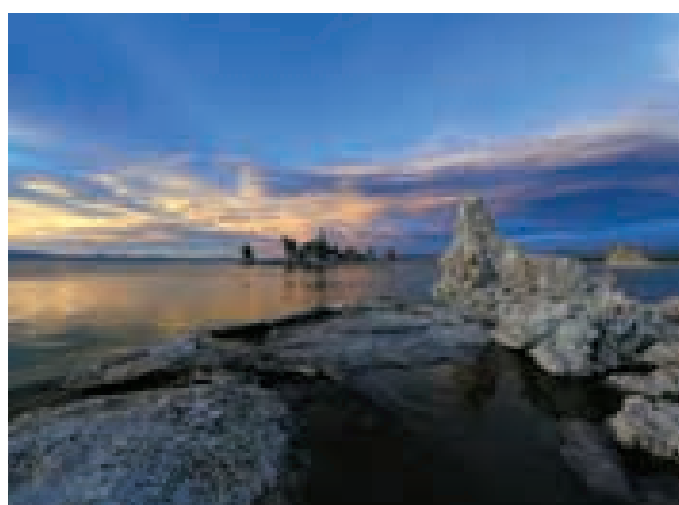
## Canon Cinema Lens Technology

### Optical Performance

#### Crystal Clear Canon Optical Technology

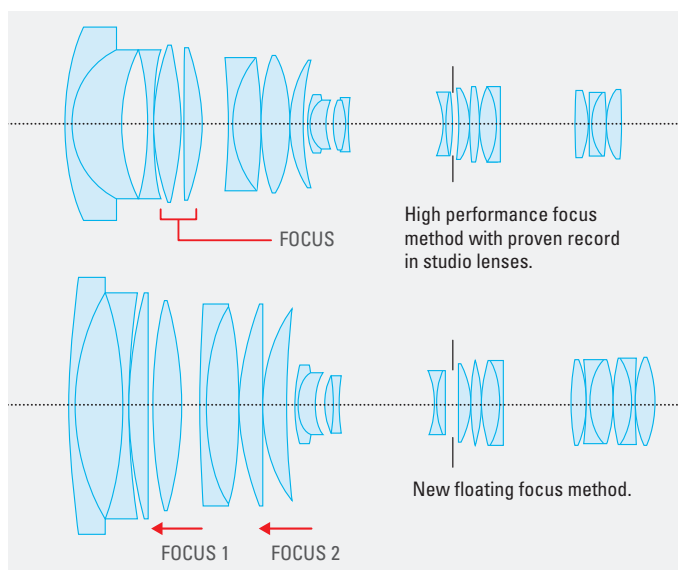
##### Super 35mm,\* High quality 4K/HDR

From the center to the periphery of the image, Canon's cinema lenses achieve a high quality 4K HDR image with both our prime and zoom lenses. Canon's optical technologies are combined to help correct various aberrations and provide high contrast while achieving a high resolution of about 80 lines/mm throughout the entire range of our cinema lenses.



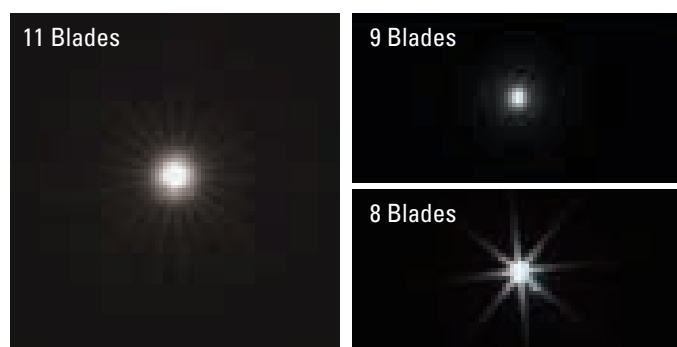
#### Focus Breathing Suppression

Focus breathing is caused when the focus group moves and exerts a “zooming” effect. In order to prevent this, cinema lenses implement a 3-group inner focus method and a new floating method to help minimize field angle fluctuation and achieve stable framing.



#### 11 Blade Aperture

Halos from points of light at night or from rays of sunlight in shots that show the sun take on the shape of the Iris blades. The odd number of blades make the iris aperture look circular even when the Iris is contracted, enabling beautiful, round highlight bokeh.

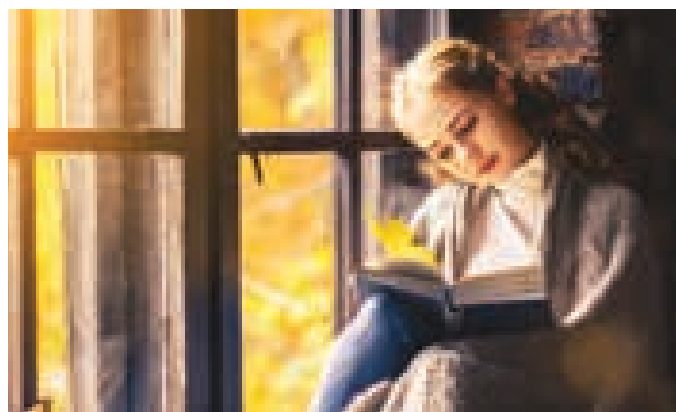


#### Warm Color Balance

Cinema lens color balance, ideal for movie production, reproduces warm skin tones. Color balance is strictly uniform across all Canon cinema lenses making lens substitution during the same scene possible. Anti-reflection film technology, including super spectral coatings and thorough corrections for slight color variations caused by glass components allow Canon lenses to achieve this effect.

#### Flange Back Adjustment

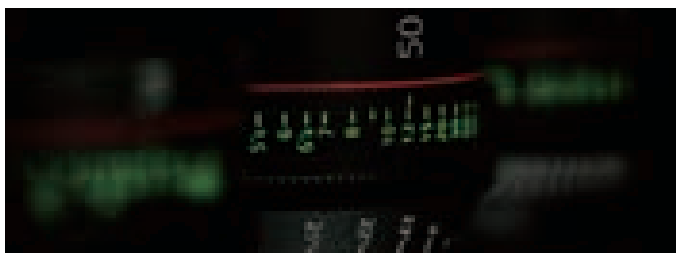
A flange back adjustment mechanism is installed on the lens mounts to allow for back focus adjustments.



*\* Excluding PRIME Lens series.*

### ■ Luminous Focus Markings

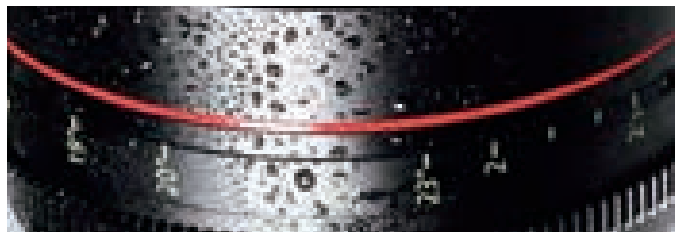
The Focus Scale on the front lens barrels is printed with luminescent paint to improve visibility at night and in dark studio conditions.



### Dust/Splash Resistant Seals and Casing\*

Our CN-E EF prime and Sumire Prime lenses use dust and splash resistant rubber gaskets at the casing joints.

*\* Lenses are not designed to be submersible in water or exposed to heavy rain.*



### ■ Changeable Lens Mount

To adapt to the ever-changing requirements of content producers, Canon offers lens mount changing services for applicable lenses at our service centers. Kindly contact your friendly Canon representative for further details.

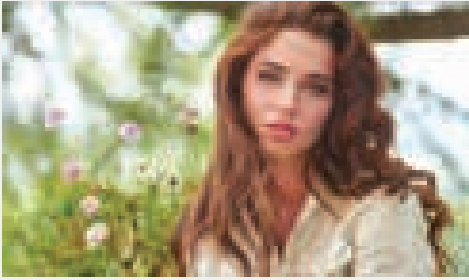
## Focal Length Table

FLEX ZOOM Lenses							
Angle of view horizontal (1.78:1)* <sup>1</sup>	83.5°		43.3°		53.4°		25.2°
Focal Distance (mm)	20		45		50		135
CN-E20-50mm T2.4 L F							
CN-E20-50mm T2.4 L FP							
CN-E45-135mm T2.4 L F							
CN-E45-135mm T2.4 L FP							
ZOOM Lenses							
Angle of view horizontal (1.78:1)* <sup>1</sup>	79.2°	43.6°		22.6°		4.6°	
Focal Distance (mm)	14.5	30		60		300	
CN-E14.5-60mm T2.6 L							
CN-E30-300mm T2.95-3.7 L							
COMPACT ZOOM Lenses							
Angle of view horizontal (1.78:1)* <sup>2</sup>	75.5°	43.6°		28.6°		13.0°	
Focal Distance (mm)	15.5	30		47		105	
CN-E15.5-47mm T2.8 L							
CN-E30-105mm T2.8 L							
SUMIRE PRIME Lenses							
Angle of view horizontal (1.78:1)* <sup>2</sup>	82.6°	63.2°	54.3°	38.7°	27.6°	16.5°	10.4°
Focal Distance (mm)	14	20	24	35	50	85	135
CN-E14mm T3.1 FP X	●						
CN-E20mm T1.5 FP X		●					
CN-E24mm T1.5 FP X			●				
CN-E35mm T1.5 FP X				●			
CN-E50mm T1.3 FP X					●		
CN-E85mm T1.3 FP X						●	
CN-E135mm T2.2 FP X							●
PRIME Lenses							
Angle of view horizontal (1.78:1)* <sup>2</sup>	82.6°	63.2°	54.3°	38.7°	27.6°	16.5°	10.4°
Focal Distance (mm)	14	20	24	35	50	85	135
CN-E14mm T3.1 L F	●						
CN-E20mm T1.5 L F		●					
CN-E24mm T1.5 L F			●				
CN-E35mm T1.5 L F				●			
CN-E50mm T1.3 L F					●		
CN-E85mm T1.3 L F						●	
CN-E135mm T2.2 L F							●
CINE-SERVO Lenses							
Angle of view horizontal (1.78:1)* <sup>2</sup>	71.8°	27.6°		11.7°		1.4°	
Focal Distance (mm)	17	25	50	120	250	1000	
CN7×17 KAS S							
CN10×25 IAS S							
CN20×50 IAS H							
COMPACT-SERVO Lenses							
Angle of view horizontal (1.78:1)* <sup>2</sup>	68.7°	19.9°		17.5°		7.0°	
Focal Distance (mm)	18	70		80		200	
CN-E70-200mm T4.4 L IS KAS S							
CN-E18-80mm T4.4 L IS KAS S							

\*1: When the screen size is 24.0 × 13.5 mm. \*2: When the screen size is 24.6 × 13.8 mm.



# Sumire Prime



Nuanced Skin  
Tone Rendition

Smooth  
Bokeh

Canon's Sumire Prime lenses offer a unique look in the Canon Cinema lens family on top of a native PL Mount. In addition to bright T-stops and Canon's renowned warm imagery, a unique optical design introduces a nuanced look as the lens aperture approaches its maximum setting – subtly modifying the textural renderings of the human facial close-up. It also smooths the transition to the fall-off portions of the scene resulting in a pleasing bokeh. This combination adds emotional expressiveness to a memorable scene.



## PL MOUNT

CN-E14mm	T3.1	FP	X
CN-E20mm	T1.5	FP	X
CN-E24mm	T1.5	FP	X
CN-E35mm	T1.5	FP	X
CN-E50mm	T1.3	FP	X
CN-E85mm	T1.3	FP	X
CN-E135mm	T2.2	FP	X

## SUMIRE PRIME Lens Series: Highlights

### Covers Full-frame, Super 35mm and APS-C Sensors

Sumire Primes cover the image circles of Large Format 35mm sensors, significantly increasing their ability to be paired with different cameras to achieve aesthetics that content creators desire.

### Phosphorescent Indicators

To improve visibility in nighttime and dark area shooting, indicator markings with phosphorescent paint have been adopted for the front barrel (for right-side viewing).

### Artistically Pleasing Image Rendering And Warm Colors

The original lens composition with large diameter aspheric lens and anomalous dispersion glass offers more solid and artistically pleasing image rendering. This brings out the impressive image quality of 4K cinema images in all their glory. And the warm color tones have been made consistent throughout the series to artistically pleasing capture people's facial expressions and enable better depiction of the subject's texture.

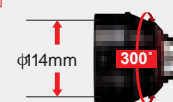
### Minimized Focus Breathing

The lens controls focus breathing, which realizes stability in images even when bokeh effects occur due to refocusing.

### Unified Front Lens Diameter, Gear Position

Compact Zoom and Prime lenses have the same front lens diameter and consistent gear positions, so lenses within each series can be switched without adjusting the rig setup.

### Sumire Prime Lens Series



### 11-Blade Iris

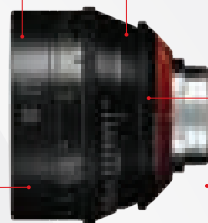
With the increased number of iris blades, users can get natural bokeh that appears more circular, from maximum to minimum aperture. The use of an odd number of blades diffuses light rays in high-brightness subjects and renders images more artistically pleasing.

### PL Mount

PL mounts, which are in high demand in the cinema market, have been adopted to support a variety of cameras used in this market.

### Soft, Natural Bokeh Effects

The bright T-number of the Prime lens and multi-blade iris diaphragm produce natural blur effects closer to a circle, from maximum to minimum aperture. This enables more three-dimensional bokeh even with super wide angle lenses that have deeper depth of field, broadening the range of visual expression.



## ZOOM / COMPACT ZOOM Lens Series: Highlights

### Easy-to-Read Controls

Focus, Zoom, and Iris markings are provided on angled surfaces. These markings are easy to read from behind the camera.

### Support Industry-Standard Cameras

Covers Super 35mm and APS-C sensors.

### Comfortable Usability

Control rings maintain the right amount of resistance while offering exceptional usability with consistent operating torque.

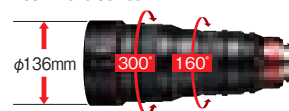
### Inner Focus

Helps minimize focus-induced changes in the angle of view.

### Unified Front Lens Diameter, Gear Position

Uniform gear positions within the same categories eliminate the need for accessory gear position adjustment when switching lenses.

#### Zoom Lens Series



#### Compact Zoom Lens Series



### Marked on Both Sides

Lenses are marked on both sides. This makes markings visible from either side of the lens.

### Switchable Unit for Focus Marking

The outer piece on marked focus rings can be switched from non-metric to metric labeling.

### Attractive Bokeh

11-Blade Circular Aperture enables soft, beautiful background bokeh.

### Flange-Back Adjustment Mechanism

A covered flange-back adjustment mechanism is included, with broadcast applications in mind.

## PRIME Lens Series: Highlights

### Covers Full-frame, Super 35mm and APS-C Sensors

The lenses are also compatible with the large imaging area of cameras equipped with a full-size 35mm-equivalent CMOS sensor.

### Light, Compact

Small and light among many conventional cinema lenses, to meet a variety of shooting needs.

### Standard Accessories Supported

Supports industry-standard accessories such as power-drive devices and matte boxes.

### Accepts 105mm filters (except for 14mm)

PL or other individual filters 105mm in diameter can be attached to the end of the lens, enabling filter work in handheld shooting or other scenarios without using a matte box.

### Phosphorescent Indicators

To improve visibility in nighttime and dark area shooting, indicator markings with phosphorescent paint have been adopted for the front barrel (for right-side viewing).

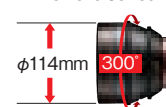
### Fast Aperture

Shallow Depth of Field and Low Light shooting are made easier with a fast aperture, allowing for creative freedom.

### Unified Front Lens Diameter

Compact Zoom and Prime lenses have the same front lens diameters, allowing for a single mattebox solution.

#### Prime Lens Series



### 11-Blade Iris

With the increased number of iris blades, users can get natural bokeh that appears more circular, from maximum to minimum aperture. The use of an odd number of blades diffuses light rays in high-brightness subjects and renders images more artistically pleasing.

### EF Mount

EF Mount allows for communication functions with Cinema EOS Cameras. The ubiquitous EF mount is also an industry standard, ensuring compatibility across camera ecosystems.

### Switchable Unit for Focus Marking

The outer piece on marked focus rings can be switched from non-metric to metric labeling.

### Consistent Torque

Control Rings maintain the right amount of resistance while offering outstanding usability with consistent operating torque.

## FLEX ZOOM LENS: HIGHLIGHTS

NEW



CN-E20-50mm T2.4 L F

Compatible with 8K cameras

HDR Compatible

NEW



CN-E45-135mm T2.4 L F

Consistent color balance

Reduced focus breathing

11-blade iris

## CINE-SERVO: HIGHLIGHTS



CINE-SERVO 50-1000mm

Class Leading  
Telephoto Focal Length

S35 Image Circle

Portable Lens Optimized for  
Field UsageWith 1.5 extender (75 - 1500mm)  
When extender is engaged, the lens covers a  
full frame image circle.Compatible with Broadcast Zoom/  
Focus Demands

NEW



CINE-SERVO 25-250mm

8K Image Quality

Medium Telephoto Lens in a  
Handheld Friendly Housing

S35 Image Circle

With 1.5 extender (37.5 - 375mm)  
When extender is engaged, the lens covers a  
full frame image circle.

CINE-SERVO 17-120mm

Wide Angle Lens With 7x Zoom Ratio

8K Image Quality

S35 Image Circle

Balanced for Handheld Shooting

## Drive Unit

### Removable Drive Unit

Canon CINE-SERVO lenses include a drive unit that provides the same user experience as found in our broadcast lenses. Removing the drive unit allows for full manual operation of the lenses.



### ■ No Initialization

Initialization of the drive unit is not required at power-on as compared to other conventional servo drive units. Immediate startup helps contribute to more efficient shooting.

### Compatible With Standard Broadcast Demands

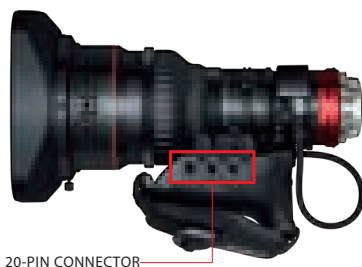
#### Demand Supported

Compatible with Canon's standard broadcast industry demands such as ZSD-300D and FPD-400D. Canon's 8-pin demand\* can be connected via a conversion cable.

### Enables High-Precision, Natural Composition

#### Virtual Studio System

A high precision 16-bit encoder (zoom and focus only) makes connection to various virtual studio systems possible. Three 20-pin terminals allow a virtual connection even when zoom and focus demands are connected.



*\* Iris operation is also possible by connecting FDJ-P01 via conversion cable. It will be selected as either virtual output or iris operation.*

### Peripheral Illumination Correction

#### EF Mount Communication Protocol Support<sup>1</sup>

Information communication is possible via CINEMA EOS SYSTEM cameras and mounts. It is possible to record lens information at the time of shooting and peripheral illumination correction<sup>2</sup>.

*\*1: ZOOM Lenses are excluded. Only EF mounted lenses are supported.*

*\*2: Some lenses require a camera firmware update. Some lenses are scheduled to be handled by firmware update.*

### Supports Broadcast Industry Standards

#### 12-Pin Serial Communication\*

Supports 12-pin serial communication which is a broadcasting communication standard.

*\* Applicable lens: CINE-SERVO Lens series.*

*It is necessary for the camera side to support 12-pin serial communication.*

### Supports Communication Standards of Film Production Industry

#### /i Technology Compatible\*

Canon's PL-mount CINE-SERVO lenses are compatible with Cooke's "/i Technology" communication standard which has been widely adopted throughout the video production industry. Focus/zoom/aperture position data can be sent to the corresponding camera, recorded and displayed.

*\* Applicable lens: PL mount lens of CINE-SERVO Lens series only.*

*The camera side must support /i Technology.*

*Communication is possible when drive unit is installed.*

## COMPACT-SERVO Lens Series: Highlights

### Refined Iris Mechanism

- Seamless Manual Control Capability
- 9-Blade Iris
- Iris Closing

### Compatible with EF-mount Cameras

### High Level 4K Optical Performance

### Covers Super 35mm and APS-C Sensors



### Image Stabilization

### Focus Ring Supports 0.8 Gear Pitch Follow Focus Accessories

### Minimized Focus Breathing

### Compact and Lightweight for Increased Mobility

### Enhanced Servo Drive Unit

- Servo Control Capability for Zoom, Focus, and Iris
- Compatible with broadcast style servo lens controllers
- Optional ZSG-C10 Grip

COMPACT-SERVO 4K

## FLEX ZOOM Lens Series

		CN-E20-50mm T2.4 L F CN-E20-50mm T2.4 L FP			CN-E45-135mm T2.4 L F CN-E45-135mm T2.4 L FP				
Appearance									
Model Name		CN-E20-50mm T2.4 L F		CN-E20-50mm T2.4 L FP		CN-E45-135mm T2.4 L F		CN-E45-135mm T2.4 L FP	
Mount		EF Mount		PL Mount		EF Mount		PL Mount	
Zoom Ratio		2.5x				3x			
Focal Length		20 - 50mm				45 ~ 135mm			
Maximum diameter ratio (T-number)		T 2.4							
Number of iris blades		11							
Angle of View	Aspect ratio 1.9:1 Dimensions 40.96 x 21.6 mm	91.4°×56.7°at 20mm 44.5°×24.4°at 50mm				48.9°×27.0°at 45mm 17.3°×9.1°at 135mm			
	Aspect ratio 1.5:1 Dimensions 36 x 24 mm	84.0°×61.9°at 20mm 39.6°×27.0°at 50mm				43.6°×29.9°at 45mm 15.2°×10.2°at 135mm			
	Aspect ratio 1.78:1 Dimensions 35.7 x 20.1 mm	83.5°×53.4°at 20mm 39.3°×22.7°at 50mm				43.3°×25.2°at 45mm 15.1°×8.5° at 135mm			
	Aspect ratio 1.9:1 Dimensions 38.1 x 20.1 mm	87.2°×53.4°at 20mm 41.7°×22.7°at 50mm				45.9°×25.2°at 45mm 16.1°×8.5°at 135mm			
Minimum Shooting Distance		0.6 m / 2'				1.0 m / 3'4"			
Shooting range at closest approach	1.9:1 40.96 x 21.6 mm	74.5×39.3 cm at 20mm 28.4×15.0 cm at 50mm				77.1×40.6 cm at 45mm 24.7×13.0 cm at 135mm			
	1.5:1 36 x 24 mm	65.5×43.7 cm at 20mm 24.9×16.6 cm at 50mm				67.7×45.2 cm at 45mm 21.7×14.5 cm at 135mm			
	1.78:1 35.7 x 20.1 mm	64.9×36.6 cm at 20mm 24.7×13.9 cm at 50mm				67.2×37.8 cm at 45mm 21.6×12.1 cm at 135mm			
	1.9:1 38.1 x 20.1 mm	69.3×36.6 cm at 20mm 26.4×13.9 cm at 50mm				71.7×37.8 cm at 45mm 23.0×12.1 cm at 135mm			
Front diameter		Φ 114 mm							
Approx. Size (WxHxL)		131.2×133.6×241.3mm		131.2×133.6×233.3mm		131.2×133.6×246.4mm		131.2×133.6×238.4mm	
Weight		Approx. 3.3 kg				Approx. 3.4 kg			

## ZOOM Lens Series

Appearance		CN-E14.5-60mm T2.6 L S CN-E14.5-60mm T2.6 L SP 		CN-E30-300mm T2.95-3.7 L S CN-E30-300mm T2.95-3.7 L SP 	
Model Name		CN-E14.5-60mm T2.6 L S		CN-E30-300mm T2.95-3.7 L S	
Mount		EF Mount		PL Mount	
Zoom Ratio		4.1x		10x	
Focal Length		14.5 ~ 60mm		30 ~ 300mm	
Max. Relative Aperture (T-Number)		T2.6 14.5 ~ 60mm		T2.95 30 ~ 240mm / T3.7 300mm	
Iris Blades		11		11	
Angle of View	1:5:1 36.0x24.0mm	79.2°×49.9° 14.5mm 22.6°×12.8° 60mm <sup>*1</sup>		43.6°×25.4° 30mm 4.6°×2.6° 300mm <sup>*1</sup>	
	1.9:1 26.2x13.8mm	80.6°×50.9° 14.5mm 23.2°×13.1° 60mm <sup>*2</sup>		44.6°×25.9° 30mm 4.7°×2.6° 300mm <sup>*2</sup>	
M.O.D. (Minimum Object Distance)		0.70m/2'4"		1.5m/5'	
Object Dimensions at M.O.D	1:5:1 36.0x24.0mm	65.2×36.7cm 14.5mm 15.0×8.4cm 60mm <sup>*1</sup>		98.8×55.6cm 30mm 9.6×5.4cm 300mm <sup>*1</sup>	
	1.9:1 26.2x13.8mm	66.9×37.5cm 14.5mm 15.4×8.6cm 60mm <sup>*2</sup>		101.3×56.8cm 30mm 9.9×5.6cm 300mm <sup>*2</sup>	
Front Diameter		136.0mm		136.0mm	
Filter Diameter		—		—	
Approx. Size (WxHxL)		136.0×163.1×326.0mm		144.0×167.1×350.1mm	
Approx. Weight		9.9 lbs (4.5kg)		12.79 lbs (5.8kg)	

※ Lenses compatible with Super 35mm Sensor cameras.

\*1: Aspect ratio 1.78:1, Screen size 24.0 x 13.5 mm. \*2: Aspect ratio 1.78:1, Screen size 24.6 x 13.8 mm

## COMPACT ZOOM Lens Series

		CN-E15.5-47mm T2.8 L S CN-E15.5-47mm T2.8 L SP			CN-E30-105mm T2.8 L S CN-E30-105mm T2.8 L SP				
Appearance									
Model Name		CN-E15.5-47mm T2.8 L S		CN-E15.5-47mm T2.8 L SP		CN-E30-105mm T2.8 L S		CN-E30-105mm T2.8 L SP	
Mount		EF Mount		PL Mount		EF Mount		PL Mount	
Zoom Ratio		3×				3.5×			
Focal Length		15.5 ~ 47mm				30 ~ 105mm			
Max. Relative Aperture (T-Number)		T2.8 15.5 ~ 47mm				T2.8 30 ~ 105mm			
Iris Blades		11				11			
Angle of View	1:5:1 36.0x24.0mm	75.5°×47.1° 15.5mm 28.6°×16.3° 47mm <sup>*1</sup>				43.6°×25.4° 30mm 13.0°×7.4° 105mm <sup>*1</sup>			
	1.9:1 26.2x13.8mm	80.4°×48.0° 15.5mm 31.1°×16.7° 47mm <sup>*2</sup>				47.2°×25.9° 30mm 14.2°×7.5° 105mm <sup>*2</sup>			
M.O.D. (Minimum Object Distance)		0.50m/1'8"				0.60m/2'			
Object Dimensions at M.O.D	1:5:1 36.0x24.0mm	43.6×24.5cm 15.5mm 14.1×7.9cm 47mm <sup>*1</sup>				32.3×18.2cm 30mm 9.3×5.2cm 105mm <sup>*1</sup>			
	1.9:1 26.2x13.8mm	47.6×25.1cm 15.5mm 15.4×8.1cm 47mm <sup>*2</sup>				35.3×18.6cm 30mm 10.2×5.4cm 105mm <sup>*2</sup>			
Front Diameter		114mm				114mm			
Filter Diameter		UV/105 P1				UV/105 P1			
Approx. Size (WxHxL)		114.0×125.0×222.0mm		114.0×125.0×214.0mm		114.0×125.0×218.0mm		114.0×125.0×210.0mm	
Approx. Weight		4.85 lbs (2.2kg)				4.85 lbs (2.2kg)			

※ Lenses compatible with Super 35mm Sensor cameras.

\*1: Aspect ratio 1.78:1, Screen size 24.0 x 13.5 mm. \*2: Aspect ratio 1.78:1, Screen size 24.6 x 13.8 mm

## SUMIRE PRIME Lens Series

*Sumire Prime*

CN-E14mm T3.1 FP X	CN-E20mm T1.5 FP X	CN-E24mm T1.5 FP X	CN-E35mm T1.5 FP X	CN-E50mm T1.3 FP X	CN-E85mm T1.3 FP X	CN-E135mm T2.2 FP X
						
CN-E14mm T3.1 FP X	CN-E20mm T1.5 FP X	CN-E24mm T1.5 FP X	CN-E35mm T1.5 FP X	CN-E50mm T1.3 FP X	CN-E85mm T1.3 FP X	CN-E135mm T2.2 FP X
PL Mount	PL Mount	PL Mount	PL Mount	PL Mount	PL Mount	PL Mount
—	—	—	—	—	—	—
14mm	20mm	24mm	35mm	50mm	85mm	135mm
T3.1	T1.5	T1.5	T1.5	T1.3	T1.3	T2.2
11	11	11	11	11	11	11
104.3°x81.2° <sup>*1</sup>	84.0°x61.9° <sup>*1</sup>	73.7°x53.1° <sup>*1</sup>	54.4°x37.8° <sup>*1</sup>	39.6°x27.0° <sup>*1</sup>	23.9°x16.1° <sup>*1</sup>	15.2°x10.2° <sup>*1</sup>
82.6°x52.5° <sup>*2</sup>	63.2°x38.1° <sup>*2</sup>	54.3°x32.1° <sup>*2</sup>	38.7°x22.3° <sup>*2</sup>	27.6°x15.7° <sup>*2</sup>	16.5°x9.3° <sup>*2</sup>	10.4°x5.9° <sup>*2</sup>
0.20m / 8"	0.30m / 12"	0.30m / 12"	0.30m / 12"	0.45m / 18"	0.95m / 3'2"	1.0m / 3'3"
25.2x16.8cm <sup>*1</sup>	33.8x22.5cm <sup>*1</sup>	28.8x19.2cm <sup>*1</sup>	20.2x13.5cm <sup>*1</sup>	25.0x16.7cm <sup>*1</sup>	34.4x22.9cm <sup>*1</sup>	21.1x14.1cm <sup>*1</sup>
17.2x9.7cm <sup>*2</sup>	23.1x13.0cm <sup>*2</sup>	19.7x11.0cm <sup>*2</sup>	13.8x7.7cm <sup>*2</sup>	17.1x9.6cm <sup>*2</sup>	23.5x13.2cm <sup>*2</sup>	14.4x8.1cm <sup>*2</sup>
114mm	114mm	114mm	114mm	114mm	114mm	114mm
—	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter
118.4x118.4x86.0mm	118.4x118.4x93.5mm	118.4x118.4x93.5mm	118.4x118.4x93.5mm	118.4x118.4x93.5mm	118.4x118.4x93.5mm	118.4x118.4x107.6mm
2.65 lbs (1.2kg)	2.65 lbs (1.2kg)	2.65 lbs (1.2kg)	2.43 lbs (1.1kg)	2.43 lbs (1.1kg)	2.87 lbs (1.3kg)	3.09 lbs (1.4kg)

※ Lenses compatible with Full-frame and Super 35mm Sensor cameras.

\*1: Aspect ratio 1.5:1, Screen size 36.0 x 24.0 mm. \*2: Aspect ratio 1.78:1, Screen size 24.6 x 13.8 mm.

## PRIME Lens Series

CN-E14mm T3.1 L F	CN-E20mm T1.5 L F	CN-E24mm T1.5 L F	CN-E35mm T1.5 L F	CN-E50mm T1.3 L F	CN-E85mm T1.3 L F	CN-E135mm T2.2 L F
						
CN-E14mm T3.1 L F	CN-E20mm T1.5 L F	CN-E24mm T1.5 L F	CN-E35mm T1.5 L F	CN-E50mm T1.3 L F	CN-E85mm T1.3 L F	CN-E135mm T2.2 L F
EF Mount	EF Mount	EF Mount	EF Mount	EF Mount	EF Mount	EF Mount
—	—	—	—	—	—	—
14mm	20mm	24mm	35mm	50mm	85mm	135mm
T3.1	T1.5	T1.5	T1.5	T1.3	T1.3	T2.2
11	11	11	11	11	11	11
104.3°×81.2° <sup>*1</sup>	84.0°×61.9° <sup>*1</sup>	73.7°×53.1° <sup>*1</sup>	54.4°×37.8° <sup>*1</sup>	39.6°×27.0° <sup>*1</sup>	23.9°×16.1° <sup>*1</sup>	15.2°×10.2° <sup>*1</sup>
82.6°×52.5° <sup>*2</sup>	63.2°×38.1° <sup>*2</sup>	54.3°×32.1° <sup>*2</sup>	38.7°×22.3° <sup>*2</sup>	27.6°×15.7° <sup>*2</sup>	16.5°×9.3° <sup>*2</sup>	10.4°×5.9° <sup>*2</sup>
0.20m / 8"	0.30m / 12"	0.30m / 12"	0.30m / 12"	0.45m / 18"	0.95m / 3'2"	1.0m / 3'3"
24.8×16.5cm <sup>*1</sup>	33.8×22.5cm <sup>*1</sup>	28.8×19.2cm <sup>*1</sup>	20.1×13.4cm <sup>*1</sup>	24.9×16.6cm <sup>*1</sup>	34.3×22.9cm <sup>*1</sup>	21.1×14.1cm <sup>*1</sup>
16.9×9.5cm <sup>*2</sup>	23.1×13.0cm <sup>*2</sup>	19.7×11.0cm <sup>*2</sup>	13.7×7.7cm <sup>*2</sup>	17.0×9.5cm <sup>*2</sup>	23.4×13.1cm <sup>*2</sup>	14.4×8.1cm <sup>*2</sup>
114mm	114mm	114mm	114mm	114mm	114mm	114mm
—	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter	UV/105 P1 filter
118.4×118.4×94.0mm	118.4×118.4×101.5mm	118.4×118.4×101.5mm	118.4×118.4×101.5mm	118.4×118.4×101.5mm	118.4×118.4×101.5mm	118.4×118.4×115.6mm
2.65 lbs (1.2kg)	2.65 lbs (1.2kg)	2.65 lbs (1.2kg)	2.43 lbs (1.1kg)	2.43 lbs (1.1kg)	2.87 lbs (1.3kg)	3.09 lbs (1.4kg)

※ Lenses compatible with Full-frame and Super 35mm Sensor cameras.

\*1: Aspect ratio 1.5:1, Screen size 36.0 × 24.0 mm. \*2: Aspect ratio 1.78:1, Screen size 24.6 × 13.8 mm.

## CINE-SERVO Lens Series

		CN7×17 KAS S/E1 CN7×17 KAS S/P1		CN10×25 IAS S/E1 CN10×25 IAS S/P1		CN20×50 IAS H/E1 CN20×50 IAS H/P1	
Appearance							
Model Name		CN7×17 KAS S/E1	CN7×17 KAS S/P1	CN10×25 IAS S/E1	CN10×25 IAS S/P1	CN20×50 IAS H/E1	CN20×50 IAS H/P1
Mount		EF Mount	PL Mount	EF Mount	PL Mount	EF Mount	PL Mount
Zoom Ratio		7×		10×		20×	
Focal Length		17 ~ 120mm		25 ~ 250mm		50 ~ 1000mm	
Max. Relative Aperture (T-Number)		T2.95 17 ~ 91mm / T3.9 120mm		T2.95 25 ~ 187mm / T3.95 250mm		T5.0 (50-560mm) / T8.9 (1000mm)	
Iris Blades		11		11		11	
Angle of View	1.5:1 36.0×24.0mm	71.8°×44.2° 17mm 11.7°×6.6° 120mm <sup>*1</sup>		51.3°×35.5° 37.5mm <sup>*3</sup> 5.5°×3.7° 375mm <sup>*3</sup>		27.6°×15.7° 50mm 1.4°×0.8° 1000mm <sup>*1</sup>	
	1.9:1 26.2×13.8mm	75.2°×44.2° 17mm 12.5°×6.6° 120mm <sup>*2</sup>		55.3°×30.9° 25mm 6.0°×3.2° 250mm		29.4°×15.7° 50mm 1.5°×0.8° 1000mm <sup>*2</sup>	
M.O.D. (Minimum Object Distance)		0.85m/2.8'		1.2m/4.0'		3.5m/11.5'	
Object Dimensions at M.O.D	1.5:1 36.0×24.0mm	86.3×48.4cm 17mm 12.0×6.7cm 120mm <sup>*1</sup>		84.4×56.2cm 37.5mm <sup>*3</sup> 8.5×5.7cm 375mm <sup>*3</sup>		139.3×78.1cm 50mm 7.3×4.1cm 1000mm <sup>*1</sup>	
	1.9:1 26.2×13.8mm	92.1×48.5cm 17mm 12.7×6.7cm 120mm <sup>*2</sup>		92.1×48.5cm 25mm 9.3×4.9cm 250mm		148.3×78.1cm 50mm 7.8×4.1cm 1000mm <sup>*2</sup>	
Front Diameter		114mm		114mm		136.0mm	
Filter Diameter		CL/112mm		CL/112mm		CL/127mm, UV/127mm	
Approx. Size (W×H×L)		174.2×125.0×262.9mm	174.2×125.0×254.9mm	186.7×131.7×282.1mm	186.7×131.7×274.1mm	175.0×170.6×413.2mm	175.0×170.6×405.2mm
Approx. Weight		6.39 lbs (2.9kg)		6.7 lbs (3.06kg)		14.55 lbs (6.6kg)	

※ Lenses compatible with Super 35mm Sensor cameras.

\*1: Aspect ratio 1.78:1, Screen size 24.6 × 13.8 mm. \*2: Aspect ratio 1.9:1, Screen size 26.2 × 13.8 mm. \*3: When using internal extender (1.5x). \*4: When using the built-in extender.

## COMPACT-SERVO Lens Series

		CN-E18-80mm T4.4 L IS KAS S	CN-E70-200mm T4.4 L IS KAS S
Appearance			
Model Name		CN-E18-80mm T4.4 L IS KAS S	CN-E70-200mm T4.4 L IS KAS S
Mount		EF Mount	EF Mount
Zoom Ratio		4.4x	2.8x
Focal Length		18 ~ 80mm	70 ~ 200mm
Max. Relative Aperture (T-Number)		T4.4 18 ~ 80mm	T4.4 70 ~ 200mm
Iris Blades		9	9
Angle of View	1.5:1 36.0x24.0mm	68.7°×41.9° 18mm 17.5°×9.9° 80mm <sup>*1</sup>	19.9°×11.3° 70mm 7.0°×4.0° 200mm <sup>*1</sup>
	1.9:1 26.2x13.8mm	72.1°×41.9° 18mm 18.6°×9.9° 80mm <sup>*2</sup>	21.2°×11.3° 70mm 7.5°×4.0° 200mm <sup>*2</sup>
M.O.D. (Minimum Object Distance)		0.5m/1.7'	1.2m/4.0'
Object Dimensions at M.O.D	1.5:1 36.0x24.0mm	43.4×24.3cm 18mm 9.5×5.3cm 80mm <sup>*1</sup>	31.3×17.5cm 70mm 11.5×6.4cm 200mm <sup>*1</sup>
	1.9:1 26.2x13.8mm	46.2×24.3cm 18mm 10.1×5.3cm 80mm <sup>*2</sup>	33.3×17.5cm 70mm 12.2×6.4cm 200mm <sup>*2</sup>
Front Diameter		84mm	84mm
Filter Diameter		77mm Protect Filter, PL-C B 77mm	77mm Protect Filter, PL-C B 77mm
Approx. Size (WxHxL)		93.4×107.2×182.3mm	93.4×107.2×182.3mm
Approx. Weight		2.65 lbs (1.2kg) (including servo unit)	2.76 lbs (1.25kg) (including servo unit)

※ Lenses compatible with Super 35mm Sensor cameras.

\*1: Aspect ratio 1.78:1, Screen size 24.6 x 13.8 mm.

\*2: Aspect ratio 1.9:1, Screen size 26.2 x 13.8 mm.

### COMPACT-SERVO Lens Accessories

#### ZSG-C10



- Rocker seesaw
- Start/Stop button
- ONE-SHOT AF button
- 20-pin cable <sup>\*1</sup>
- Flexible mounting angle.

※ Sold separately.

※ Support strut, bracket, hex wrench included.

\*1: For connection to the lens body.



## CINE-SERVO Lens / COMPACT-SERVO Lens Accessories

Category	Model	Notes	CN7×17 KAS S/E1 CN7×17 KAS S/P1	CN10x25 IAS S/E1 CN10x25 IAS S/P1	CN20×50 IAS H/E1 CN20×50 IAS H/P1	CN-E18-80mm CN-E70-200mm
Focus Demand	FPD-400D	There is no need for an optional cable.	●	●	●	●
	FDJ-D02	BDC - 11 cable (20p - 18p) is required.	●	●	●	— ※1 ※2
	FDJ-P01	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
	FDJ-S01	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
	FDJ-S31	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
	FDJ-S41	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
vZoom Demand	ZSD-300D	There is no need for an optional cable.	●	●	●	●
	ZSD-15MII	CC-2008 Cable (20p - 8p) is required.	●	●	●	● ※1 ※2
	ZDJ-D02	BDC-11 cable (20p-18p) is required.	●	●	●	— ※1 ※2
	ZDJ-P01	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
	ZDJ-S01	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
Iris Demand	FDJ-D02	BDC - 11 cable (20p - 18p) is required.	●	●	●	—
	FDJ-P01	BDC - 21 cable (20p - 12p) is required.	●	●	●	—
Demand Cable	BDC-21	20p-12p cable. Required for FDJ-P01 / ZDJ-P01.	●	●	●	—
	BDC-11	20p - 18p cable. Required for FDJ-D02 / ZDJ-D02.	●	●	●	—
	CC-2008	20p - 8p cable. Required for ZSD-15II	●	●	●	●
Clear Filter	77mm Protect Filter	77mm Protect filter	—	—	—	●
	CL/112mm	CL/112mm	●	●	—	—
	CL/127mm	CL/127mm	—	—	●	—
Polarization Filter	PL-C B 77mm	PL-C B 77mm	—	—	—	●
Close-Up Lens	CL-UP500D 77mm	CL-UP500D 77mm	—	—	—	●
Lens Holder	LH-CN7/02	Used when you want to improve the degree of freedom of Focus ring rotation operation. (The lens support attached to the main unit is supported on the front side.)	●	●	—	—
Power Cable	C-ZLPRO*	For power supply from external battery. 12-pin - Dtap cable.	●	●	●	—
12p-12p Extension Cable	12p-12p CABLE 200mm	Used for extending 12p cable to pair with EU-V2 (C300iii, C500ii Accessory).	●	●	●	—

\* Made by IDX.

※ 1: Multiple controllers can not be connected at the same time (because there is only one connector). When installing the ZSG - C10 and enabling the operation on the grip side, you can not connect the external controller.

※ 2: For use in studio configurations, an optional Zacuto Z-CNYC Y-cable can be used to connect zoom and focus controllers to each lens. This configuration allows for simultaneous zoom and focus operation with COMPACT-SERVO lenses.

※ 3: Some vignetting occurs when used in combination with RED's Epic system.

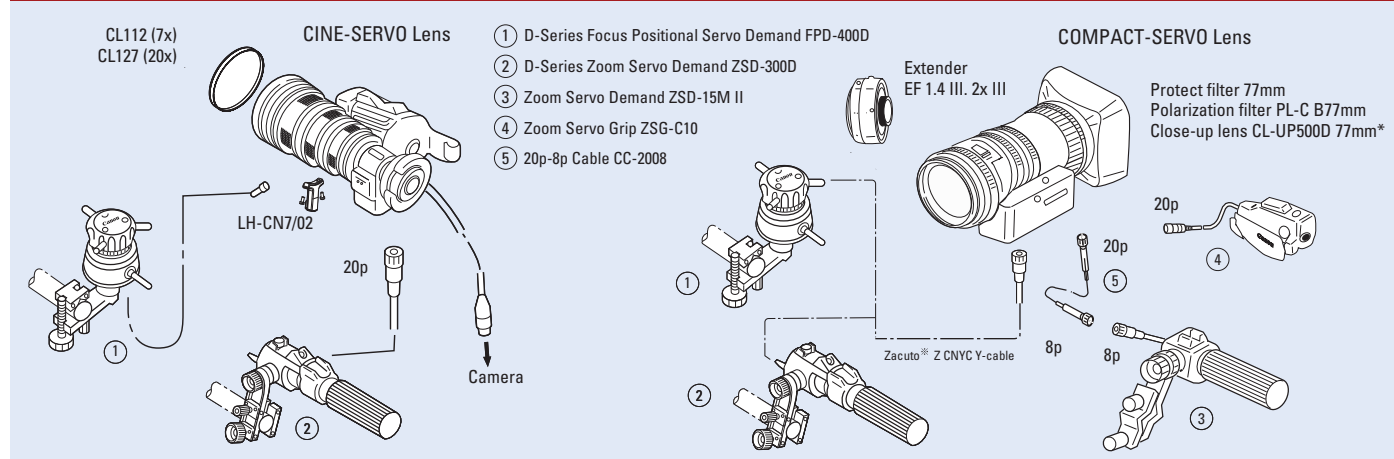
## Focus Controller



## Zoom Controller



## Lens System Basic Configuration



\* Some vignetting occurs when used in combination with RED's Epic system.

※ The optional Zacuto® Z-CNYC Y-cable allows for simultaneous use of zoom and focus controllers with both Compact-Servo lenses.



Notes

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Cine Lens

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