

# CINEMA LENS LINEUP

## ZOOM Series

Canon Cinema Zoom Lenses offer superb optical performance that exceeds 4K 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.



## COMPACT ZOOM Series

Canon Cinema Compact Zoom Lenses offer 4K resolution in form factors that enable more flexible, less intrusive shooting. They also feature a constant T-number (2.8) throughout their zoom ranges as well as the latest advancements in lens design for outstanding image quality and minimal distortion.

## 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.



## PRIME Series

The flexible series of Canon Cinema Prime Lenses offers spectacular 4K-image quality and a full-frame image circle, in lightweight, compact designs. They feature high optical speed, produce remarkably sharp 4K images and superb contrast, and maintain tightly controlled focus breathing and geometric distortion. Low T-numbers enable better low-light shooting.

## 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 mobility is key.

## COMPACT-SERVO Series

COMPACT-SERVO lenses combine the benefits of compact size and light weight for outstanding mobility. Designed to shoot video, these lenses combine the functionality of our EF lenses with the video shooting features of our Cinema lenses.

## ZOOM Lens Series

➔ P. 36



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. 36



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

## SUMIRE PRIME Lens Series

➔ P. 37



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. 37



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

## CINE-SERVO Lens Series

➔ P. 38



CN7x17 KAS S/E1  
CN7x17 KAS S/P1



CN20x50 IAS H/E1  
CN20x50 IAS H/P1

## COMPACT-SERVO Lens Series

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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

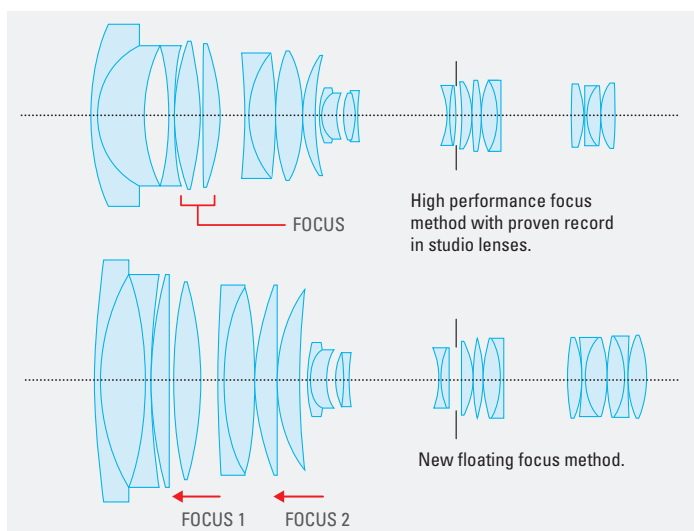
From the center to the periphery of our cinema lenses, a high-quality 4K/HDR image is achieved for both single focus and zoom lenses within the entire zoom range. Canon's optical technologies are combined to help correct various aberrations and provide high contrast while achieving a high resolution of about 80 lines/mm throughout the Super 35 mm sensor.

*\*The PRIME Lens series also supports the image size of Full Frame or APS-H.*



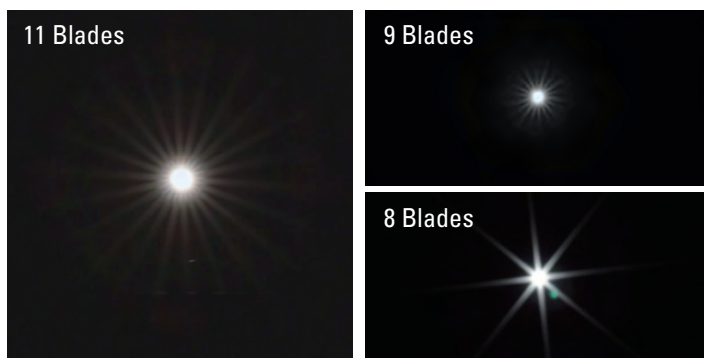
#### Focus Breathing Suppression

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 Index

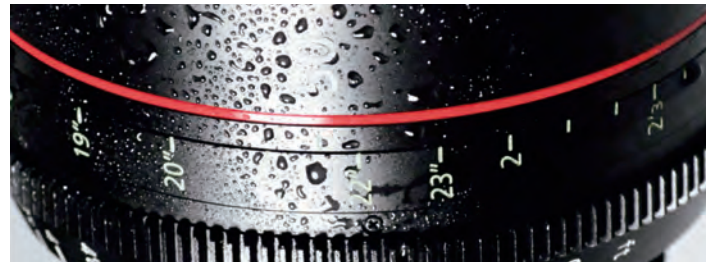
The focus index on the front lens barrels is printed with luminescent paint to improve visibility at night and in dark studio conditions.



### 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.*



### ■ Cinema Lens Focal Distance Table

ZOOM Lenses							
Angle of view horizontal (1.78:1)*1	79.2°		43.6°		22.6°		4.6°
Focal Distance (mm)	14.5		30		60		300
CN-E14.5-60mm T2.6 L	[Red bar spanning from 14.5 to 60 mm]						
CN-E30-300mm T2.95-3.7 L	[Red bar spanning from 30 to 300 mm]						
COMPACT ZOOM Lenses							
Angle of view horizontal (1.78:1)*2	75.5°		43.6°		28.6°		13.0°
Focal Distance (mm)	15.5		30		47		105
CN-E15.5-47mm T2.8 L	[Red bar spanning from 15.5 to 47 mm]						
CN-E30-105mm T2.8 L	[Red bar spanning from 30 to 105 mm]						
SUMIRE PRIME Lenses							
Angle of view horizontal (1.78:1)*2	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)*2	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)*2	71.8°		27.6°	11.7°			1.4°
Focal Distance (mm)	17		50	120			1000
CN7×17 KAS S	[Red bar spanning from 17 to 120 mm]						
CN20×50 IAS H	[Red bar spanning from 20 to 1000 mm]						
COMPACT-SERVO Lenses							
Angle of view horizontal (1.78:1)*2	68.7°		19.9°	17.5°			7.0°
Focal Distance (mm)	18		70	80			200
CN-E70-200mm T4.4 L IS KAS S	[Red bar spanning from 70 to 200 mm]						
CN-E18-80mm T4.4 L IS KAS S	[Red bar spanning from 18 to 80 mm]						

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

**NEW**  
LINE OF CINEMA  
PRIME LENSES

# Sumire Prime



Gentle and Beautiful Skin Tone

Smooth Bokeh

Canon is introducing a new line of cinema prime lenses – appropriately named “SUMIRE Prime”. Pronounced “Soo-mee-ray” in Japanese. It is associated with a floral gentleness and beauty. 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

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

### 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.

### Light, Compact

Small and light to meet a variety of shooting needs.

### 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.

### 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



### Flange-Back Adjustment Mechanism

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



### Attractive Bokeh

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

## 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

Enables shooting with the shallow DOF and broad bokeh that large sensors offer.



### 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.

#### 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

Communication functions with Cinema EOS Cameras. It works seamlessly with our Cinema EOS cameras, allowing you to take full advantage of the camera's features and functionality.

### 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.

## CINE-SERVO 50-1000mm: Highlights

### Support Industry-Standard Cameras

Covers Super 35mm and APS-C sensors.  
Covers Full Frame and APS-H with Built-in 1.5x Extender.

### Robust and Durable Housing Structure

### 20x Zoom Magnification

### Ultra Telephoto

50-1000mm Focal Range

### Removable Servo Drive Unit

Removable servo drive unit with various user setting capabilities.

### Accessory Connectors

Three 20-pin connectors for externally operated accessories and a 16-bit metadata output for virtual studio systems.



### Multiple Communication Capability with Compatible Cameras

### 11-Blade Iris Provides Natural Bokeh

### Designed for Cinema and Broadcast Applications

### Compact and Lightweight

Compact and lightweight lens available in an EF mount and PL mount that can be converted at an authorized Canon service facility.



EF Mount



PL Mount

### Support High Quality 4K/HDR Shooting

High optical performance with support for Super35mm large format cameras.

### Built-In 1.5x Optical Extender

Cover the image size of Full Frame or APS-H Camera.



## CINE-SERVO 17-120mm: Highlights

### Support Industry-Standard Cameras

Covers Super 35mm and APS-C sensors.

### High Durability and Ruggedness

### 7x Zoom Magnification

### Wide 17-120mm Focal Range

### Ergonomic Design

Ergonomically designed drive unit for ease of operation.

### Removable Servo Drive Unit

Removable servo drive unit with various user setting capabilities.

### Accessory Connectors

Three 20-pin connectors for externally operated accessories and a 16-bit metadata output for virtual studio systems.



### Multiple Communication Capability with Compatible Cameras

### 11-Blade Iris Provides Natural Bokeh

### Designed for Cinema and Broadcast Applications

### Compact and Lightweight

Compact and lightweight lens available in an EF mount and PL mount that can be converted at an authorized Canon service facility.



EF Mount



PL Mount

### Support High Quality 4K/HDR Shooting

High optical performance with support for Super35mm large format cameras.



## Drive Unit

### Removable Drive Unit

Canon CINE-SERVO lenses include a drive unit that provides the same user experience as found in our broadcast zoom 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. Initialization is required at power-on for conventional 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>.

<sup>1</sup>: ZOOM Lenses are excluded. Only EF mounted lenses are supported.

<sup>2</sup>: 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

### Practical Layout of Switches

### High Level 4K Optical Performance

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



### Image Stabilization

### Minimized Focus Breathing

### Supports a Wide Range of Accessories

### Compact and Lightweight for Increased Mobility

### Dual Pixel CMOS Auto-Focus (DAF)

### Enhanced Servo Drive Unit

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

**COMPACT-SERVO 4K**



## 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-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
Mount	EF Mount	PL 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 *1	43.6°×25.4° 30mm 4.6°×2.6° 300mm *1	
	1.9:1 26.2x13.8mm	80.6°×50.9° 14.5mm 23.2°×13.1° 60mm *2	44.6°×25.9° 30mm 4.7°×2.6° 300mm *2	
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 *1	98.8×55.6cm 30mm 9.6×5.4cm 300mm *1	
	1.9:1 26.2x13.8mm	66.9×37.5cm 14.5mm 15.4×8.6cm 60mm *2	101.3×56.8cm 30mm 9.9×5.6cm 300mm *2	
Front Diameter	136.0mm		136.0mm	
Filter Diameter	—		—	
Approx. Size (WxHxL)	5.35x6.42x12.83 in. (136.0×163.1×326.0mm)	5.35x6.42x12.52 in. (136.0×163.1×318.0mm)	5.67x6.58x13.78 in. (144.0×167.1×350.1mm)	5.67x6.58x13.47 in. (144.0×167.1×342.1mm)
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

Appearance	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	
				
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	3x		3.5x	
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 *1	43.6°×25.4° 30mm 13.0°×7.4° 105mm *1	
	1.9:1 26.2x13.8mm	80.4°×48.0° 15.5mm 31.1°×16.7° 47mm *2	47.2°×25.9° 30mm 14.2°×7.5° 105mm *2	
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 *1	32.3×18.2cm 30mm 9.3×5.2cm 105mm *1	
	1.9:1 26.2x13.8mm	47.6×25.1cm 15.5mm 15.4×8.1cm 47mm *2	35.3×18.6cm 30mm 10.2×5.4cm 105mm *2	
Front Diameter	114mm		114mm	
Filter Diameter	UV/105 P1		UV/105 P1	
Approx. Size (WxHxL)	4.49x4.92x8.74 in. (114.0×125.0×222.0mm)	4.49x4.92x8.43 in. (114.0×125.0×214.0mm)	4.49x4.92x8.58 in. (114.0×125.0×218.0mm)	4.49x4.92x8.26 in. (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
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°×81.2° *1	84.0°×61.9° *1	73.7°×53.1° *1	54.4°×37.8° *1	39.6°×27.0° *1	23.9°×16.1° *1	15.2°×10.2° *1
82.6°×52.5° *2	63.2°×38.1° *2	54.3°×32.1° *2	38.7°×22.3° *2	27.6°×15.7° *2	16.5°×9.3° *2	10.4°×5.9° *2
0.20m / 8"	0.30m / 12"	0.30m / 12"	0.30m / 12"	0.45m / 18"	0.95m / 3'2"	1.0m / 3'3"
25.2×16.8cm *1	33.8×22.5cm *1	28.8×19.2cm *1	20.2×13.5cm *1	25.0×16.7cm *1	34.4×22.9cm *1	21.1×14.1cm *1
17.2×9.7cm *2	23.1×13.0cm *2	19.7×11.0cm *2	13.8×7.7cm *2	17.1×9.6cm *2	23.5×13.2cm *2	14.4×8.1cm *2
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
4.66x4.66x3.39 in. (118.4x118.4x86.0mm)	4.66x4.66x3.68 in. (118.4x118.4x93.5mm)	4.66x4.66x3.68 in. (118.4x118.4x93.5mm)	4.66x4.66x3.68 in. (118.4x118.4x93.5mm)	4.66x4.66x3.68 in. (118.4x118.4x93.5mm)	4.66x4.66x3.68 in. (118.4x118.4x93.5mm)	4.66x4.66x4.24 in. (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 × 24.0 mm. \*2: Aspect ratio 1.78:1, Screen size 24.6 × 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
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° *1	84.0°×61.9° *1	73.7°×53.1° *1	54.4°×37.8° *1	39.6°×27.0° *1	23.9°×16.1° *1	15.2°×10.2° *1
82.6°×52.5° *2	63.2°×38.1° *2	54.3°×32.1° *2	38.7°×22.3° *2	27.6°×15.7° *2	16.5°×9.3° *2	10.4°×5.9° *2
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 *1	33.8×22.5cm *1	28.8×19.2cm *1	20.1×13.4cm *1	24.9×16.6cm *1	34.3×22.9cm *1	21.1×14.1cm *1
16.9×9.5cm *2	23.1×13.0cm *2	19.7×11.0cm *2	13.7×7.7cm *2	17.0×9.5cm *2	23.4×13.1cm *2	14.4×8.1cm *2
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
4.66x4.66x3.70 in. (118.4x118.4x94.0mm)	4.66x4.66x4.0 in. (118.4x118.4x101.5mm)	4.66x4.66x4.0 in. (118.4x118.4x101.5mm)	4.66x4.66x4.0 in. (118.4x118.4x101.5mm)	4.66x4.66x4.0 in. (118.4x118.4x101.5mm)	4.66x4.66x4.0 in. (118.4x118.4x101.5mm)	4.66x4.66x4.55 in. (118.4x118.4x115.6mm)
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

Appearance		CN7×17 KAS S/E1 CN7×17 KAS S/P1		CN20×50 IAS H/E1 CN20×50 IAS H/P1	
Model Name		CN7×17 KAS S/E1	CN7×17 KAS S/P1	CN20×50 IAS H/E1	CN20×50 IAS H/P1
Mount		EF Mount	PL Mount	EF Mount	PL Mount
Zoom Ratio		7×		20×	
Focal Length		17 ~ 120mm		50 ~ 1000mm	75 ~ 1500mm <sup>*3</sup>
Max. Relative Aperture (T-Number)		T2.95 17 ~ 91mm / T3.9 120mm		T5.0 (50-560mm) / T8.9 (1000mm)	T7.5 (75-840mm) / T13.35 (1500mm) <sup>*3</sup>
Iris Blades		11		11	
Angle of View	1.5:1 36.0x24.0mm	71.8°×44.2° 17mm 11.7°×6.6° 120mm <sup>*1</sup>		27.6°×15.7° 50mm 1.4°×0.8° 1000mm <sup>*1</sup>	18.6°×10.5° 75mm 0.9°×0.5° 1500mm <sup>*1 *3</sup>
	1.9:1 26.2x13.8mm	75.2°×44.2° 17mm 12.5°×6.6° 120mm <sup>*2</sup>		29.4°×15.7° 50mm 1.5°×0.8° 1000mm <sup>*2</sup>	19.8°×10.5° 75mm 1.0°×0.5° 1500mm <sup>*2 *3</sup>
M.O.D. (Minimum Object Distance)		0.85m/2.8'		3.5m/11.5'	
Object Dimensions at M.O.D	1.5:1 36.0x24.0mm	86.3×48.4cm 17mm 12.0×6.7cm 120mm <sup>*1</sup>		139.3×78.1cm 50mm 7.3×4.1cm 1000mm <sup>*1</sup>	92.9×52.1cm 75mm 4.9×2.7cm 1500mm <sup>*1 *3</sup>
	1.9:1 26.2x13.8mm	92.1×48.5cm 17mm 12.7×6.7cm 120mm <sup>*2</sup>		148.3×78.1cm 50mm 7.8×4.1cm 1000mm <sup>*2</sup>	98.9×52.1cm 75mm 5.2×2.7cm 1500mm <sup>*2 *3</sup>
Front Diameter		114mm		136.0mm	
Filter Diameter		CL/112mm		CL/127mm-H, UV/127mm-H	
Approx. Size (WxHxL)		6.86x4.92x10.35 in. (174.2×125.0×262.9mm)	6.86x4.92x10.04 in. (174.2×125.0×254.9mm)	6.89x6.72x16.27 in. (175.0×170.6×413.2mm)	6.89x6.72x15.95 in. (175.0×170.6×405.2mm)
Approx. Weight		6.39 lbs (2.9kg)		14.55 lbs (6.6kg)	

※ 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. \*3: When using the built-in extender.

## COMPACT-SERVO Lens Series

Appearance		CN-E18-80mm T4.4 L IS KAS S		CN-E70-200mm T4.4 L IS KAS S	
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		4.4×		2.8×	
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)		3.67x4.22x7.18 in. (93.4×107.2×182.3mm)		3.67x4.22x7.18 in. (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<sup>\*1</sup>
- ONE-SHOT AF button<sup>\*1</sup>
- 20 PIN cable<sup>\*2</sup>
- Flexible mounting angle.

※ Sold separately.

※ Support strut, bracket, hex wrench included.

\*1: For compatible cameras, please visit our website: [cinemaeos.usa.canon.com](http://cinemaeos.usa.canon.com)

\*2: 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	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.	●	●	● ※1 ※2
	FDJ-D02	BDC - 11 cable (20p - 18p) is required.	●	●	—
	FDJ-P01	BDC - 21 cable (20p - 12p) is required.	●	●	—
	FDJ-S01	BDC - 21 cable (20p - 12p) is required.	●	●	—
Zoom Demand	ZSD-300D	There is no need for an optional cable.	●	●	● ※1 ※2
	ZSD-15MII	CC-2008 Cable (20p - 8p) is required.	●	●	● ※1 ※2
	ZDJ-D02	BDC-11 cable (20p-18p) is required.	●	●	—
	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/127MM-H	CL/127MM-H	●	●	—
	CL/112MM	CL/112MM	●	—	—
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-ZLPR*	For power supply from external battery. 12-pin - Dtap cable.	●	●	—

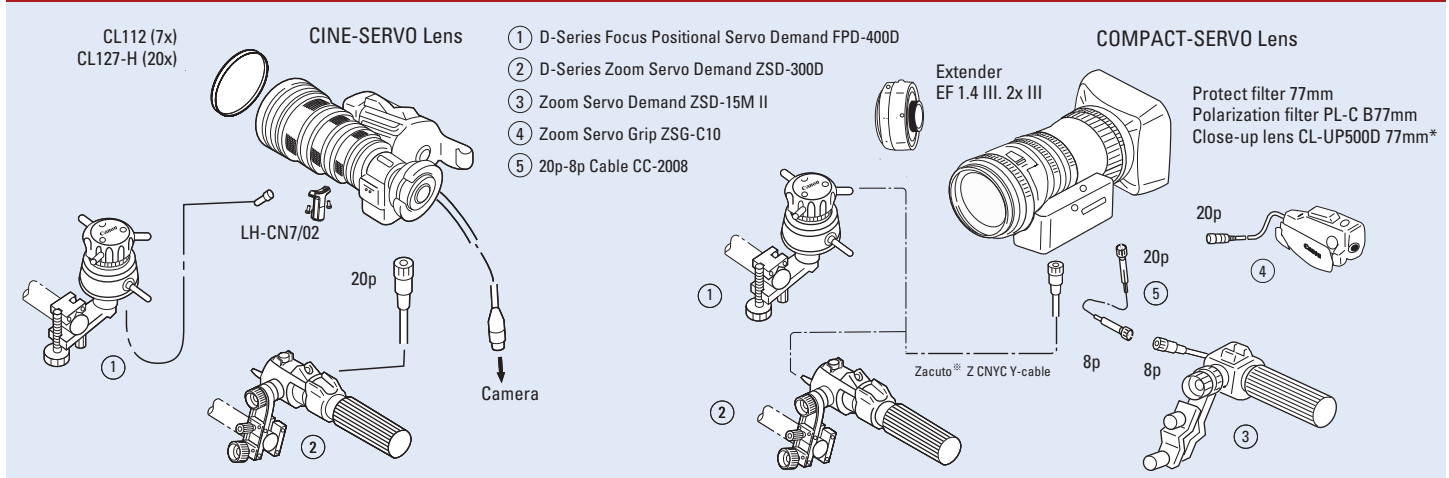
\* Made by IDX.

※ 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.



## 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.