SIGMA

Cine lens

100% retained

SIGMA has combined the highest level of optical performance with compact design while keeping the cost of development and production to a minimum. SIGMA had played the role of leader in the current era of 50-megapixel-plus ultra-high-resolution still photography. Now, in the realm of cine lenses, SIGMA is leveraging the outstanding optical performance of its Global Vision still lens lineup, which has been acclaimed by photographers around the world. Featuring the same high-quality optical components including lens cells and aperture mechanisms, these cine lenses deliver the highest level of optical performance and amazing value.

100% new

While retaining the same superb optical system, SIGMA's cine lenses feature a completely updated mechanical structure. Supported by this new design, the optimized specification includes all of the essential functions required for modern cinematography. Since its foundation SIGMA has believed in achieving top performance via high-precision parts.
This principle and SIGMA's leading-edge manufacturing technologies have made possible ultra-high-efficiency mass production of these new lens lines.

Key features

Wide focal length coverage
The lineup covers everything from wide angle to telephoto. Produce an entire work with SIGMA lenses alone.

Compatibility
Compatibility has been confirmed with each brand of cinema camera.

Lenses for both S35 and full-frame
The High Speed Zoom Line is compatible with Super-35,the image size standard used by typical digital cinema cameras, while the FF High Speed Prime Line and FF Zoom Line are compatible with a full-frame image circle.

Strong high-speed lens lineup
T1.5 or T2 is available in FF High Speed Prime Line, while T2 throughout the zoom range is available in High Speed Zoom Line. These options enable cinematographers to shoot with a wide range of expressive purposes.

Inspecting each and every lens
There are three requirements for outstanding lenses: fine design, precise manufacturing and inspection that ensures compliance with all specifications. SIGMA lenses are born of outstanding design concepts and excellent manufacturing technology, but they are not complete until they undergo their uncompromising lens performance evaluation. SIGMA has developed their own A1 proprietary Modulation Transfer Function (MTF) measuring system using 46-megapixel Foveon direct image sensors. Even previously undetectable high-frequency details are now within the scope of their quality control inspections. Ultra-high-resolution sensors ensure high-performance shooting.

6K-8K class resolution
The lineup features the same optical system that delivers 50-megapixel or higher resolution in still photography. These lenses are therefore ready for higher resolution shooting, and are ideal for chroma keying as well.

Minimization of flare and ghosting
Computer-based ray tracing has been used from the design stage onward to minimize flare and ghosting and enhance contrast in backlit conditions. Ghosting has also been checked at every prototype stage, with its causes identified, assessed, and eliminated.

Sharpness combined with outstanding bokeh effect
To fulfill the high demands for image quality in still photography, SIGMA has solved a wide range of issues. The benefit of these efforts can now be enjoyed in cine lenses as well.

Color balance standardized across the lineup
All of the lenses in the lineup are designed to comply with SIGMA's CCI standard. Standardized color balance makes color correction a snap.

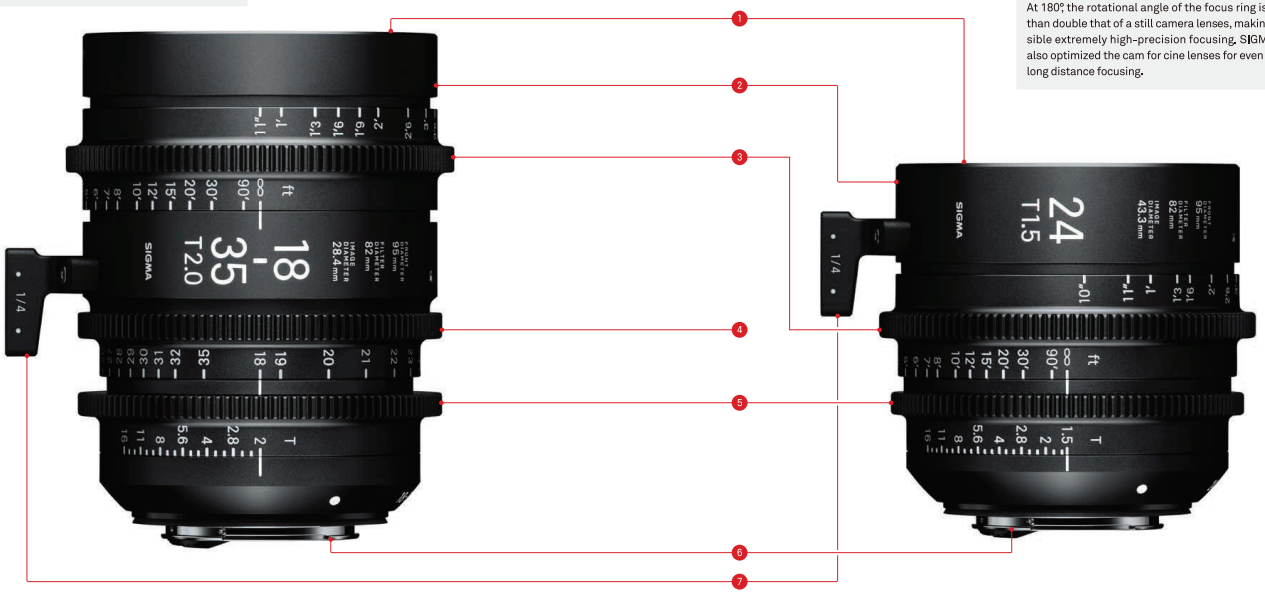
Mount Conversion Service
Seeing lenses as valuable assets, SIGMA now makes the Mount Conversion Service available for its new cine lenses. Successfully implemented for their still photography camera lenses, this service allows users to convert their lenses to and from EF and E-mounts (charges apply). If the camera system changes, it is possible to simply convert the mount system to continue using the high-performance SIGMA lenses.
*The Mount Conversion Service is not available for PL mount lenses

Robust accessory selection
The USB DOCK allows the user to connect the lens to a computer and update firmware, while the MOUNT CONVERTER MC-11 allows users to enjoy the high performance of SIGMA's Canon EF mount interchangeable lenses with the Sony E-mount camera body. These and other accessories further enhance the convenience and ease of use of the new lens lineup.

Lightweight and compact
Leveraging the high-precision, high-efficiency mass production technologies developed for its still camera lenses, SIGMA has made extremely lightweight and compact cine lenses a reality. Featuring all functions essential to cinematography, these lenses keep weight and size to a minimum, while their specification is optimized for enhanced durability. The end result is a combination of performance and compact design at the highest level.

Dust-proof and splash-proof construction
The lineup features the same dust-proof and splash-proof construction as the SIGMA 150-600mm F5-6.3 DG OS HSM | Sports. With each ring and mount specially sealed to prevent water and dust from entering, this lens is ready for use in tough conditions. The unusually robust specification of the lineup allows the user to concentrate on shooting while significantly reducing the burden of maintenance.

100% metal body
The body is made completely of metal to stand up to tough professional use over the long term.



Luminous paint for enhanced visibility
The specification, graduation baseline, and lens change indications all feature luminous paint to aid in changing the lens in the dark and other tasks. Moreover, new FULLY LUMINOUS versions of the lenses feature the above plus rings whose numbers and graduations are finished with luminous paint.

Laser engraving for enhanced durability
Information on rings and elsewhere is laser-engraved for use over the long term. In addition, tape may be placed on gradations without fear of stripping away paint when it is removed.

EF mount, E-mount, and PL mount available
The lenses are available in Canon EF mount, which is used on the majority of digital movie cameras, Sony E-mount, which is used on the Sony FS series; and PL mount, which is prevalent on cinema cameras. All lenses in the lineup may also be used on still cameras with the compatible mount for outstanding still camera videography.
*24-35mm T2.2 FF not available with PL mount

Cine-style front lens cap
All lenses come complete with a conventional cine-style front lens cap.

Selectable focus ring with feet or meter graduations
Based on user needs, a focus ring with either feet or meter graduations may be selected. For a small charge, SIGMA can also convert the ring from one type to the other after purchase.

82mm filter size* 1
The filter size is standardized at 82mm, allowing users to use the same size of ND filter on different lenses.
*Certain lens models are not compatible with 82mm filters.

95mm front diameter 2
The front diameter is 95mm, similar to that of other cine lenses and compatible with matte boxes. Compared to lenses in the same class, SIGMA's cine lenses are more lightweight and compact.

180° focus rotational angle 3
At 180°, the rotational angle of the focus ring is more than double that of a still camera lenses, making possible extremely high-precision focusing. SIGMA has also optimized the cam for cine lenses for even easier long distance focusing.

Standardized gear positions 3 4 5
The positions of the gears in each ring are standardized, eliminating the need to adjust the follow focus, motor unit, or accessories even when the lens changes.

0.8M gear pitch 3 4 5
Each lens has a 0.8M gear pitch, which is the standard for cine lenses, ensuring compatibility with existing accessories.

Silent ring stoppers 3 4 5
The stopper of each ring incorporates a damper made of a special resin, resulting in silent operation. While offering a satisfying lock feel, this feature eliminates any metallic sounds, allowing the user to shoot with confidence in a quiet area.

160° zoom rotational angle 4
At 160°, the rotational angle of the zoom ring is more than double that of a still camera lenses, making possible extremely high-precision zooming.

Iris with full manual control 5
Featuring manual control capability, the iris ring offers smooth control without clicks. The T-stop display, which is standard in cine lenses, contributes to high-precision exposures. Just like other high-end cine lenses, the rotational angle of the iris ring is 60°.

Linear iris ring 5
The linear iris ring gives users the same rotational angle per T-stop for direct, intuitive control.

Mount with electronic contacts 6
The mount with electronic contact allows the lens to communicate important lens information to the body (focal length, shooting distance, aperture, etc.).
*This feature is not included on PL mount lenses

Enhanced EF mount* 6
The hole for the stopper pin has been strengthened with a separate part to minimize loosening over time and enhance long-term use.
*Only applicable for Canon EF mount

Dedicated lens support foot 7
Coming as a standard accessory with all lenses in the lineup, the lens support foot helps minimize load on the camera body while enhancing mount stability. The height of the seating surface is designed for compatibility with other accessories. Even though the lens is compact, its robust design offers two different screw holes for this accessory to increase user options.

Canon EF Mount

PL Mount

Sony E-Mount

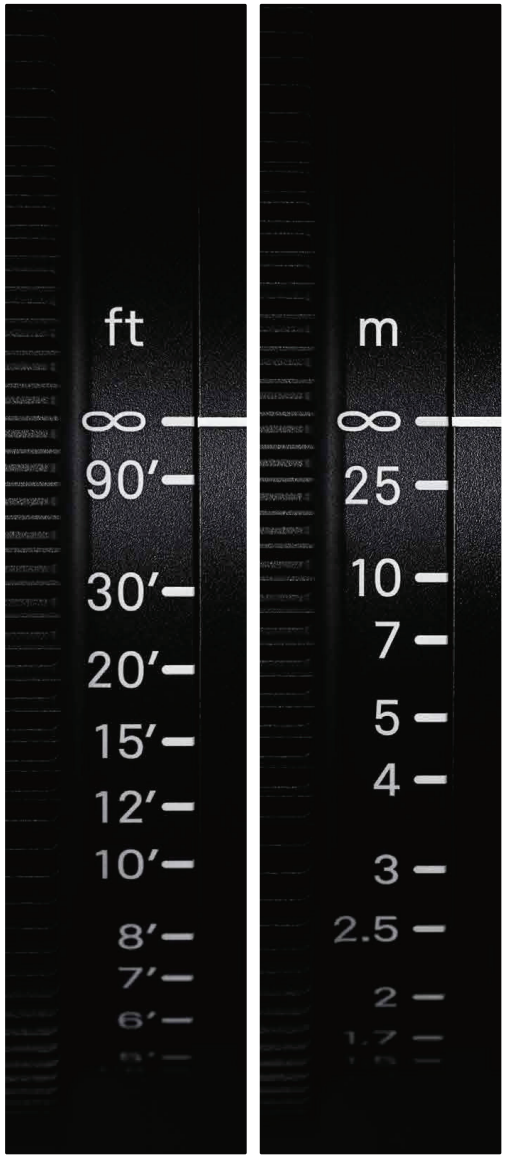
Three mount types available

For compatibility with a wide range of cameras, SIGMA cine lenses are available with the EF mount, E-mount, and PL mount. For a fee, the Mount Conversion Service will convert the mount of the lenses to and from EF and E-mounts. The SIGMA Service Center will check optical performance of the lens and precisely adjust the flange back of the mount to ensure a successful conversion to the new system.

Note 1: 24-35mm T2.2 FF not available with PL mount
Note 2: The mount conversion service is not available for PL mount lenses.

Selectable focus ring with feet or meter graduations

Based on user needs, a focus ring with either feet or meter graduations may be selected. For a fee, SIGMA can also convert the ring from one type to the other after purchase.



Prime Lenses

These seven prime lenses range from 14mm to 135mm, and all offer T1.5 or T2 brightness. Rivaling a high-end prime set with their outstanding image quality, they also offer full-frame coverage and amazing compactness with a front diameter of only 95mm. Offering the latest optical design for 8K shooting and more, the FF High Speed Prime Line takes digital cinema cameras to the next level of performance.

Prime lens specifications

FF High Speed Prime Line		14mm T2 FF	20mm T1.5 FF	24mm T1.5 FF	35mm T1.5 FF	50mm T1.5 FF	85mm T1.5 FF	135mm T2 FF
Focal Length		14mm	20mm	24mm	35mm	50mm	85mm	135mm
Aperture(T)		T2 to T16	T1.5 to T16	T1.5 to T16	T1.5 to T16	T1.5 to T16	T1.5 to T16	T2 to T16
Number of Diaphragm Blades		9 (Rounded diaphragm)	9 (Rounded diaphragm)	9 (Rounded diaphragm)	9 (Rounded diaphragm)	9 (Rounded diaphragm)	9 (Rounded diaphragm)	9 (Rounded diaphragm)
Close Focus[1]		0.27m / 11"	0.276m / 11"	0.25m / 10"	0.30m / 1'	0.40m / 1'4"	0.85m / 2'10"	0.875m / 2'11"
Image Coverage		FF Φ43.3mm	FF Φ43.3mm	FF Φ43.3mm	FF Φ43.3mm	FF Φ43.3mm	FF Φ43.3mm	FF Φ43.3mm
Front diameter		95mm	95mm	95mm	95mm	95mm	95mm	95mm
Filter Size		–	–	82mm	82mm	82mm	86mm	82mm
Length	EF mount[2]	119.5mm	118mm	95mm	95mm	102mm	134.5mm	126.4mm
	E-mount[3]	145.5mm	144mm	121mm	121mm	128mm	160.5mm	152.4mm
	PL mount[4]	111.5mm	110mm	87mm	87mm	94mm	126.5mm	118.4mm
Weight[5]	EF mount	1430g	1335g	1125g	1135g	1295g	1475g	1565g
	E-mount	1485g	1395g	1185g	1165g	1355g	1535g	1630g
	PL mount	1345g	1240g	1030g	1035g	1210g	1380g	1495g
FF[6]		104.3°	84.0°	73.7°	54.4°	39.6°	23.9°	15.2°
S35[7]		82.6°	63.2°	54.3°	38.7°	27.6°	16.5°	10.4°
APS-C[8]		80.5°	61.3°	52.6°	37.4°	26.7°	15.9°	10.0°
Barcode No.	EF mount	TBD	0085126 412661	0085126 401665	0085126 340667	0085126 311667	0085126 321666	TBD
	E-mount	TBD	0085126 412678	0085126 401672	0085126 340674	0085126 311674	0085126 321673	TBD
	PL mount	TBD	0085126 412685	0085126 401689	0085126 340681	0085126 311681	0085126 321680	TBD

1 Close focus distance is measured from the image plane 2 Front to EF mount flange 3 Front to E-mount flange 4 Front to PL mount flange 5 Without lens support foot 6 Horizontal angle of view for a full-frame camera aperture (aspect ratio 1:1.5, dimensions 36mm×24mm / 1.42"× 0.94") 7 Horizontal angle of view for a super 35 digital cinema camera aperture (aspect ratio 1:1.8, dimensions 24.6mm×13.8mm / 0.97"× 0.54") 8 Horizontal angle of view for an APS-C camera aperture (aspect ratio 1:1.5, dimensions 23.7mm×15.7mm / 0.93"× 0.62") The specifications are subject to change without a notice.