

# Kodak Cine Ektar Lenses

the finest lenses  
ever produced for  
16mm. and 8mm.  
motion picture  
cameras



*details too, about* KODAK CINE EKTAR LENSES



## Kodak Cine Ektar and Ektanon Lenses



Kodak Cine Ektar  
Lenses are illustrated.

for most "Sixteens"  
... and many "Eights"



15mm.  $f/2.5$



25mm.  $f/1.9$



25mm.  $f/1.4$



40mm.  $f/1.6$

KODAK LENSES for movie cameras are of two classes—superb Kodak Cine Ektar Lenses, and moderately priced Kodak Cine Ektanon Lenses. Though differing in many design details, both are precision-built optical instruments.

### Ektar—absolute top quality

Kodak Cine Ektar Lenses are those which qualify—*without reservation*—as the finest ever made for 16mm. and 8mm. cameras. In every way, they merit the distinction. Even at widest aperture, Kodak Cine Ektar Lenses meet the highest standards of definition, edge-to-edge sharpness, and flatness of field.

Every internal detail contributes to the reduction of flare . . . to the transmission of a maximum of image-forming light. All glass-air surfaces are Lumenized; lens rims are blackened; mounts are corrugated; flanges are beveled.

And for convenience and precision—aperture scales are widely and evenly spaced . . . integral depth-of-field scales show the range of good focus at all openings . . . evenly graduated distance scales

permit remarkably accurate focusing.

For 16mm. cameras, Kodak Cine Ektar Lenses constitute a complete, graduated series—a wide-angle, two lenses of standard focal length, and four telephotos. Four of the lenses—the 25 mm.  $f/1.4$ , the 25mm.  $f/1.9$ , the 40mm.  $f/1.6$ , and the 63mm.  $f/2.0$ —can also be used as telephotos on 8mm. cameras.

### Ektanon Lenses—moderately priced

To complete the series available for "Eights," and to provide a choice of inexpensive telephotos for both 8mm. and 16mm. cameras, several Kodak Cine Ektanon Lenses are also supplied. These lenses, though simpler in construction than Ektar Lenses, are suitable for all but the most exacting work.

Two of the Ektanon Lenses—the 9mm.  $f/2.7$ , for the Cine-Kodak Magazine 8 Camera, and the 38mm.  $f/2.5$  are for "Eights" only. Two—the 50mm.  $f/1.6$  and the 63mm.  $f/2.7$ —are for both 8mm. and 16mm. cameras. And three—the 15mm.  $f/2.7$ , the 102mm.  $f/2.7$ , and the 152mm.  $f/4.5$ —are for "Sixteens" only.



# KODAK CINE ACCESSORY LENSES



63mm. f/2.0



102mm. f/2.7



152mm. f/4.0

## *Where Kodak Makes Its Lenses*

AT KODAK's vast Hawk-Eye Optical Works are gathered the highly specialized design, engineering, and production facilities required for the precision manufacture of Kodak optics. Here are produced not only fine lenses for cameras and projectors, but optical systems for use in such diverse fields as photoradiography, television, and scientific research.

Here, too, are originated such developments as Kodak's famed rare-

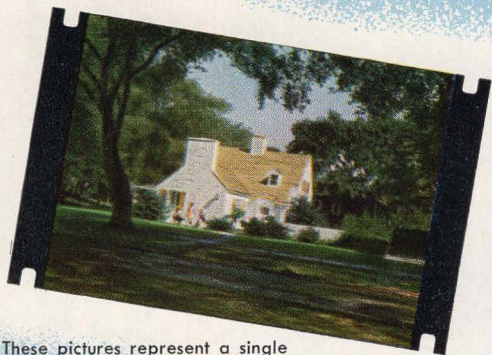
element glass—optical material of unique properties that provides Kodak lenses with characteristics of performance never before obtainable.

Such advances in material . . . Kodak's skilled know-how acquired through years of experience in the production of precision optics . . . and the exacting standards of manufacture maintained at Hawk-Eye—combine to make Kodak optical systems pre-eminent in every phase of photography.





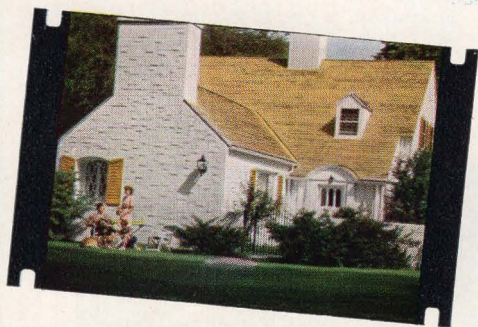
## CLOSE-UPS *from well back . . .*



These pictures represent a single scene as captured from the same distance by the Kodak Cine lenses for 16mm. cameras. The first shows the sweep of the wide-angle lens.



Your standard lens would record the scene this way.



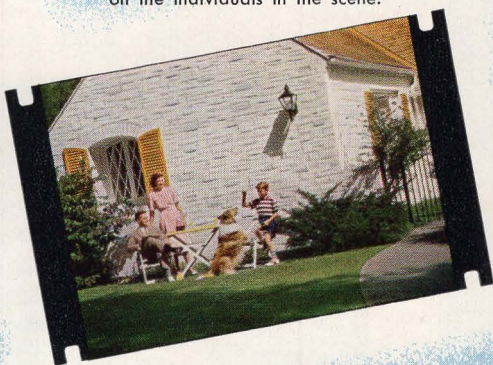
The 40mm. lens provides  $1\frac{1}{2}$ -times magnification. These shots illustrate telephoto effects with 16mm. cameras . . . but similar magnifications are possible with the Kodak Cine lenses supplied for use with 8mm. cameras.

LONG-FOCUS LENSES, by narrowing the camera's field of view, magnify the central portion of a scene . . . "pull in" distant subjects to close-up proportions. As a result, you'll find these distance-spanning lenses useful whenever you're unable to move in on your subject for the close-up scenes that add so much to movies.

At sports events, for example, a long-focus lens will "carry" you across a hundred rows of seats for thrilling side-line action. Or, with a long-focus lens, you can film telephoto close-ups of wild life—capture wary birds and game in far greater detail and clarity than you could see when you pressed the exposure button.

And there are occasions, too, when, though you *could* move in, you'll find it desirable to stay well back . . . and rely on the magnification produced by a long-focus lens for your close-up effects. With your camera at a disarming distance, you can film compelling movie portraits—your subjects unflustered, completely at ease. You can move back for a better camera position . . . or a more favorable angle . . . and, by using a long-focus lens, still capture the scene in close-up proportions, with close-up detail.

The 63mm. lens centers interest on the individuals in the scene.





## or AS CLOSE IN as you can get

And when your movie target is small—a delicate flower, for example—you can move *way* in for magnified movies that you can screen hundreds of times life size.

### The wide-angle lens

There are times, however, when the problem is quite the opposite—when you just can't move *back* far enough to capture the entire scene. The confines of a room or obstructing trees or buildings may prevent you from getting the broad sweep that the scene requires. Here the answer is another Kodak Cine accessory lens—the wide-angle. As its name implies, this lens *broadens and heightens* the field of view . . . captures a greater area than the standard lens.

\* \* \*

You'll find scores of uses for Kodak Cine wide-angle and long-focus lenses that will add variety and scope to your movies. The table on the next page, which shows the field widths covered at various distances and the relative magnification obtained with each of the Kodak Cine accessory lenses, will help you decide which lenses will prove most useful to you.



**Top:** Subjects for movie portraits are unflustered when a long-focus lens lets you move back to a disarming distance.

**Center:** Can't move in? A long-focus lens "carries" you to close-up range.

**Bottom:** Flower shots are even more spectacular when a telephoto magnifies the blossom to screen-filling proportions.

The 102mm. lens, with its 4-times magnification, provides a pleasing close-up.



Subjects filmed with the 152mm. lens are recorded 10 times as large as those filmed with the wide-angle lens . . . 6 times as large as with the standard lens.



# KODAK CINE LENS ADAPTERS

IF YOUR MOVIE CAMERA—8mm. or 16mm.—has a removable lens, the chances are good that you can equip it with a complete series of Kodak Cine accessory lenses. In most cases, lenses are attached by means of Kodak Cine Lens Adapters—inexpensive devices that are fastened to the camera in place of the standard lens and into which you fit the accessory lenses of your choice.

Difficult to apply? Not a bit—the illustrations at the left show the three simple steps to wider-range movie making with Kodak Cine interchangeable lenses.

Check the listing on the opposite page for the adapter required for your camera.

**Top:** A slight twist releases the standard lens.  
**Center:** A Kodak Cine Lens Adapter is attached in its place. **Left:** The accessory lens fits into the adapter—you're ready to shoot!

## Kodak Cine Lenses for 16mm. Cameras

Focal Length and Speed	Designation	Relative Magnification	Focusing Range	Field Width at Minimum Distance	Field Width at 25-foot Distance	Field Width at 50-foot Distance
15mm. f/2.5	Ektar	0.6	Inf. to 6 in.	2 1/8 in.	15 ft. 3 in.	30 ft. 6 in.
15mm. f/2.7	Ektanon	0.6	Inf. to 6 in.	3 3/8 in.	15 ft. 3 in.	30 ft. 7 in.
25mm. f/1.9	Ektar	1	Inf. to 12 in.	3 1/8 in.	9 ft. 5 in.	18 ft. 10 in.
25mm. f/1.4	Ektar	1	Inf. to 12 in.	3 1/8 in.	9 ft. 5 in.	18 ft. 10 in.
40mm. f/1.6	Ektar	1 1/2	Inf. to 24 in.	5 1/8 in.	6 ft. 0 in.	12 ft. 0 in.
50mm. f/1.6	Ektanon	2	Inf. to 10 in.	1 3/4 in.	4 ft. 8 1/2 in.	9 ft. 5 1/2 in.
63mm. f/2.0	Ektar	2 1/2	Inf. to 24 in.	2 1/8 in.	3 ft. 9 in.	7 ft. 7 in.
63mm. f/2.7	Ektanon	2 1/2	Inf. to 12 in.	1 1/4 in.	3 ft. 9 in.	7 ft. 7 in.
102mm. f/2.7	Ektar	4	Inf. to 36 in.	2 3/4 in.	2 ft. 4 in.	4 ft. 8 in.
102mm. f/2.7	Ektanon	4	Inf. to 24 in.	1 3/4 in.	2 ft. 4 in.	4 ft. 8 1/2 in.
152mm. f/4.0	Ektar	6	Inf. to 6 ft.	3 3/8 in.	1 ft. 6 in.	3 ft. 1 in.
152mm. f/4.5	Ektanon	6	Inf. to 55 in.	2 3/8 in.	1 ft. 6 in.	3 ft. 1 in.

## Kodak Cine Lenses for 8mm. Cameras

Focal Length and Speed	Designation	Relative Magnification	Focusing Range	Field Width at Minimum Distance	Field Width at 25-foot Distance	Field Width at 50-foot Distance
9mm. f/2.7	Ektanon	0.7	Inf. to 4 ft.*	9 in.†	11 ft. 7 in.	23 ft. 0 in.
13mm. f/1.9**	Ektanon	1	Inf. to 24 in.	8 1/4 in.	8 ft. 6 3/4 in.	17 ft. 1 in.
25mm. f/1.9	Ektar	2	Inf. to 12 in.	1 11/16 in.	4 ft. 3 in.	8 ft. 6 in.
25mm. f/1.4	Ektar	2	Inf. to 12 in.	1 11/16 in.	4 ft. 3 in.	8 ft. 6 in.
38mm. f/2.5	Ektanon	3	Inf. to 12 in.	1 1/4 in.	2 ft. 10 1/2 in.	5 ft. 9 3/4 in.
38mm. f/2.8††	Ektanon	3	Inf. to 24 in.	2 3/8 in.	2 ft. 9 3/4 in.	5 ft. 7 3/4 in.
40mm. f/1.6	Ektar	3	Inf. to 24 in.	2 1/4 in.	2 ft. 8 1/2 in.	5 ft. 5 in.
50mm. f/1.6	Ektanon	4	Inf. to 10 in.	1 13/16 in.	2 ft. 1 3/4 in.	4 ft. 3 3/4 in.
63mm. f/2.0	Ektar	5	Inf. to 24 in.	1 3/8 in.	1 ft. 8 1/4 in.	3 ft. 5 in.
63mm. f/2.7	Ektanon	5	Inf. to 12 in.	9/16 in.	1 ft. 8 1/2 in.	3 ft. 5 1/2 in.

**Note:** To obtain height of field covered, multiply by 3/4.

\*Lens is fixed focus—covers this range at full aperture.

†At a distance of 1 ft. 8 in., which is permissible at f/11 or smaller.

\*\*This is the standard lens for many Cine-Kodak 8mm. Cameras and is included for comparison.

††This lens applies directly—without adapter—to Cine-Kodak Reliant Camera and to many other "Eights."



## Is Your Camera Listed Here?

...if it is, the Kodak Cine Lens Adapter with which it is listed will equip it to accept any and all of the full complement of Kodak Cine Ektar and Ektanon Lenses.

### "EIGHT" CAMERAS

The **Type D Adapter** fits Kodak Cine Lenses to these 8mm. cameras:

Bolex H-8	Keystone
Briskin	Revere 88
Cine Perflex (Turret)	Revere 99 (Turret)
Franklin	Stewart Warner

### "SIXTEEN" CAMERAS

The **Type A Adapter** fits Kodak Cine Lenses to these 16mm. cameras:

B & H Filmo 70, 70A, 70B, 70C (Serial Nos. through 46121)  
 Victor Model 3 (Serial Nos. through 36884)  
 Victor Model 4 (Serial Nos. through 20025)  
 Victor Model 5 (Serial Nos. through 52150)

The **Type C Adapter** fits Kodak Cine Lenses to these 16mm. cameras:

B & H Filmo Autoload and Autoload Speedster  
 B & H Filmo Automaster  
 B & H Filmo Models 141A and 141B  
 B & H Filmo 70, 70A, 70B, 70C (Serial Nos. 54090 and up)  
 B & H Filmo 70D, 70E, 70F, and 70G  
 Bolex H-16, Cinklox, DeVry DeLuxe, Keystone A-7  
 Victor Model 3 (Serial Nos. 36885 and up)  
 Victor Model 4 (Serial Nos. 20026 and up)  
 Victor Model 5 (Serial Nos. 52151 and up)

**NOTE:** Using accessory lenses is most convenient if you can adjust your camera's finder to accommodate for the altered field sizes. The finder systems of all Cine-Kodak Cameras for which accessory lenses are recommended and of many cameras of other manufacture can be so modified either through mechanisms built into the cameras or through accessory devices.

If no such provision is made for your camera, you can still use accessory lenses conveniently by making simple masks to alter the standard finder. Mask out all but  $\frac{1}{2}$  of the height and  $\frac{1}{2}$  of the width to show the field of a 2-times telephoto; all but  $\frac{1}{3}$  to show a 3-times telephoto; all but  $\frac{1}{6}$  to show a 5-times telephoto, etc.

### CINE-KODAK CAMERAS

The **Type M Adapter** fits Kodak Cine Lenses to Cine-Kodak Magazine 8 and Cine-Kodak Magazine 16 Cameras.

The **Type A Adapter** fits Kodak Cine Lenses to Cine-Kodak Model E Camera, *f/1.9*.

**No Adapters** are required to fit Kodak Cine Lenses to Cine-Kodak Special II Camera.

**Three adapters** are required to fit the following 16mm. cameras to the full complement of Kodak Cine Lenses. This is because these adapters are equipped with hinged masks to adjust the camera's finder system to the altered field sizes produced by accessory lenses.

#### Cine-Kodak Special Camera

**Type G Adapter** for 15mm. lenses

**Type P Adapter** for 25mm., 40mm., 50mm., and 63mm. lenses

**Type F Adapter** for 50mm., 63mm., 102mm., and 152mm. lenses

#### Cine-Kodak Model K Camera

**Type H Adapter** for 15mm. lenses

**Type R Adapter** for 25mm., 40mm., 50mm., and 63mm. lenses

**Type J Adapter** for 50mm., 63mm., 102mm., and 152mm. lenses

### MORE ABOUT MOVIE ACCESSORIES

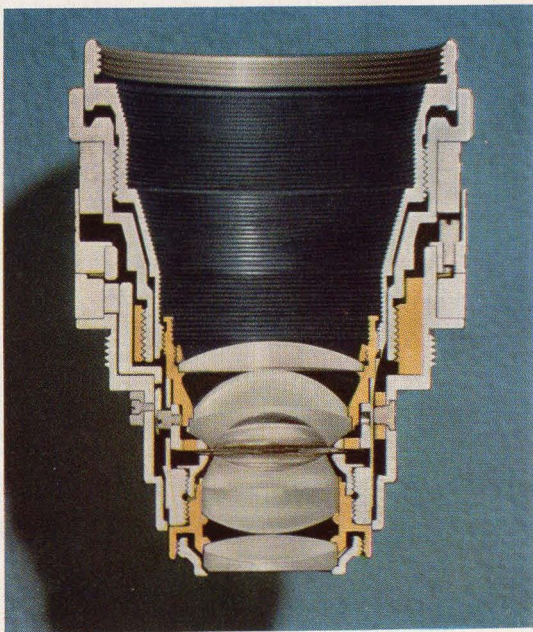
**Cine-Kodak Movie-Making Accessories**, No. C1-20, has the story on tripods, lens extension tube outfits, spacer rings, indoor lighting equipment, Kodak Combination Lens Attachments, and other aids to making movies.

**Put Your Best Footage Forward**, C1-7, describes equipment that will help in showing your movies—Cine-Kodak Senior Splicer, editing viewers, Cine-Kodak Titler, re-winds, and complete editing outfits.

Ask for your free copies.



QUALITY . . .



THE MOST IMPORTANT characteristics of a lens are those that you can never see. Skilled design, precise construction, and the integrity of the manufacturer are considerations for which the name "Kodak" gives you full assurance.

The illustration above—a photograph of an actual cross-section of the Kodak Cine Ektar 25mm.  $f/1.4$  Lens—can merely suggest the skill and care, the precise workmanship, that are part of the manufacture of all Kodak Cine Ektar Lenses . . . the finest lenses ever made for 16mm. and 8mm. movie cameras.

C1-6

"KODAK" IS A TRADE-MARK

9-49



EASTMAN KODAK COMPANY • ROCHESTER 4, N.Y.



# Kodak Cine Ektar Lenses

## PRICE LIST

### KODAK CINE EKTAR LENSES

	Price
Kodak Cine Ektar 15mm. <i>f</i> /2.5 Lumenized Lens.....	\$ 77.50
Kodak Cine Ektar 25mm. <i>f</i> /1.9 Lumenized Lens.....	98.50
Kodak Cine Ektar 25mm. <i>f</i> /1.9 Lumenized Lens in mount for Cine-Kodak Magazine Cameras.....	75.00
Kodak Cine Ektar 25mm. <i>f</i> /1.4 Lumenized Lens.....	195.00
Kodak Cine Ektar 40mm. <i>f</i> /1.6 Lumenized Lens.....	128.50
Kodak Cine Ektar 63mm. <i>f</i> /2.0 Lumenized Lens.....	129.50
Kodak Cine Ektar 102mm. <i>f</i> /2.7 Lumenized Lens.....	139.50
Kodak Cine Ektar 152mm. <i>f</i> /4.0 Lumenized Lens.....	164.50

### KODAK CINE EKTANON LENSES

Kodak Cine Ektanon 9mm. <i>f</i> /2.7 Lumenized Lens.....	49.75
Kodak Cine Ektanon 15mm. <i>f</i> /2.7 Lumenized Lens.....	58.50
Kodak Cine Ektanon 38mm. <i>f</i> /2.5 Lumenized Lens.....	56.75
Kodak Cine Ektanon 38mm. <i>f</i> /2.8 Lumenized Lens for Cine-Kodak Reliant Camera.....	43.75
Kodak Cine Ektanon 50mm. <i>f</i> /1.6 Lumenized Lens.....	94.50
Kodak Cine Ektanon 63mm. <i>f</i> /2.7 Lumenized Lens.....	76.00
Kodak Cine Ektanon 102mm. <i>f</i> /2.7 Lumenized Lens.....	84.50
Kodak Cine Ektanon 152mm. <i>f</i> /4.5 Lumenized Lens.....	96.50

*Movie makers who plan to use wide-aperture accessory lenses with turret-type cameras should check with their dealer or camera manufacturer to make certain that the turret provides adequate optical clearance for the lens mounts.*

### KODAK CINE LENS ADAPTERS

Type H, for wide-angle lens on Cine-Kodak Model K Camera.....	12.83
Type J, for long-focus lenses on Cine-Kodak Model K Camera.....	12.83
*Type R, for 25mm. lenses on Cine-Kodak Model K Camera.....	12.83
Type G, for wide-angle lens on Cine-Kodak Special Camera.....	12.83
Type F, for long-focus lenses on Cine-Kodak Special Camera.....	12.83
Type P, for Kodak Cine Ektar 25mm. <i>f</i> /1.4 Lens on Cine-Kodak Special Camera.....	12.83
Type M, for wide-angle and long-focus lenses on Cine-Kodak Magazine 8 or Magazine 16 Cameras.....	9.92
Type A, for Cine-Kodak Model E Camera and cameras having Type A threaded lens mounts.....	9.92
Type C, for cameras having Type C threaded lens mounts.....	9.92
Type D, for 8mm. cameras having Type D threaded lens mounts.....	9.92

*No adapters are required to attach Kodak Cine lenses to Cine-Kodak Special II Camera.*

### Finders for Cine-Kodak Special II Camera:

15mm., 25mm., 40mm., 50mm., 63mm. (each).....	4.38
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### Finders for Cine-Kodak Special II Camera:

102mm., 152mm. (each).....	1.75
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*Prices include Federal Tax where applicable.*

*\*Cine-Kodak Model K Cameras should be sent to the Repair Department, Eastman Kodak Company, Rochester 4, N. Y. for fitting the Kodak Cine Ektar 25mm. *f*/1.4 Lens.*

**EASTMAN KODAK COMPANY • ROCHESTER 4, N. Y.**