

Century Tele-Athenar Lenses

Century Tele-Athenar lenses are specifically designed for professional motion picture, video and still photography.

Acclaimed worldwide, Century telephoto lenses offer exceptional light transmission, superb color correction and critical sharpness unmatched in the industry.

All Century lenses are constructed in the U.S. of the finest materials available, then precision mounted in specially machined alloy—not cast— housings. To insure quality control, each lens is optically bench-tested prior to shipment. The result is a lens with reliable optimum performance characteristics. Lightweight and easy to handle, Tele-Athenars are rugged enough to withstand the rigors of location shooting.

Leading professional photographers choose Century Tele-Athenars for even their most critical works. National Geographic Films, Marty Stouffer Productions, MacGillivray/Freeman, NASA, MGM, NFL Films, Don Meir (Wild Kingdom) Productions, Walt Disney Productions, American Sportsman, ABC-TV, Survival Anglia, Jet Propulsion Laboratory and hundreds of others regularly use Tele-Athenar lenses for their prize footage.

Tele-Athenar™ and Tele-Athenar II™

Standard Series Tele-Athenars feature a rotating focusing mechanism and are available in fixed mounts to fit most motion picture and video cameras. The Century Tele-Athenar II Series provides fast-acting, non-rotating focusing and an interchangeable mount system which allows a single Tele-Athenar II to be used on a wide variety of film and video cameras, including formats up to 35mm double frame still.

All Tele-Athenar lenses come complete with sunshade/filter adapters. In addition, built-in gelatin filter slots are standard on most models except the 150mm f/2.8.

No effort is spared to insure that every Century lens and accessory meets the industry's most demanding professional standards. All Century Tele-Athenars carry a one-year warranty against defects in material or workmanship.

Special Application Lenses

Most Century Tele-Athenars are available in special models featuring neutral density spot filters (T 1000 or better) and/or motorized functions (iris, focus) for low-light level video and surveillance applications. The basic specifications are almost identical to the Standard Series Century Tele-Athenars. Lens customization is a Century specialty. For unique requirements not covered by our stock line of lenses or accessories, please contact our North Hollywood factory.



For Film and "C" Mount Video Cameras

LENS	Stock No.	Lens Mount	Iris	Length	Max. Diameter
150mm f/2.8	TR-15AA	Aaton	f/2.8-22	7.5" * 191mm	2.63" 67mm
	TR-15AB	Arri Bayonet			
	TR-15AS	Arri Standard			
	TR-15BB	Bolex Bayonet			
	TR-15CA	Eclair			
	TR-15CC	"C"			
230mm f/3.8	TR-15CP	CP-16R	f/3.8-22	9" * 229mm	2.63" 67mm
	TR-23AA	Aaton			
	TR-23AB	Arri Bayonet			
	TR-23AS	Arri Standard			
	TR-23BB	Bolex Bayonet			
	TR-23CA	Eclair			
TR-23CC	"C"				
TR-23CP	CP-16R				
For 2⅓" and 1" video and 16 and 35mm Film Cameras					
230mm f/2.8	TN-2328	Interchangeable	f/2.8-32	11.63" 295mm	3.5" 89mm
300mm f/3.2	TN-3032	Interchangeable	f/3.2-22	12.63" 321mm	3.5" 89mm
385mm f/4.5	TN-3845	Interchangeable	f/4.5-32	13.63" 346mm	3.5" 89mm
500mm f/5.6	TN-5056	Interchangeable	f/5.6-32	17.88" 454mm	3.5" 89mm
500mm f/3.8	TN-5038	Interchangeable	f/3.8-32	17" 432mm	5.31" 135mm
600mm f/4.5	TN-6045	Interchangeable	f/4.5-45	22.5" 572mm	5.31" 135mm
650mm f/6.8	TN-6568	Interchangeable	f/6.8-32	22.8" 581mm	3.5" 89mm
800mm f/4.7	TN-8047	Interchangeable	f/4.7-45	38" ** 965mm	7" 178mm
1000mm f/8	TN-1080	Interchangeable	f/8-45	24" 610mm	5.31" 135mm
1000mm f/5.6	TN-1056	Interchangeable	f/5.6-45	42" ** 1067mm	7" 178mm
1200mm f/6.8	TN-1268	Interchangeable	f/6.8-45	40" ** 1016mm	7" 178mm

*Measured in "C" mount without lens shade. Other lenses measured without shade and mount unless otherwise specified.

**Measured without mount but with built-in shade.

Century Tele-Athenar Lenses

SPECIFICATIONS

Tele-Athenar™

Min. Focus	Image Dia.***	Resolution	Weight	Filter Size
7' 2.1m	15.8mm	100 1/mm	16 oz. 454 gm	55mm screw-in
15' 4.6m	28mm	100 1/mm	19 oz. 525 gm	55mm screw-in

Tele-Athenar II™

20' 6.1m	44mm	100 1/mm	2 lbs. 8 oz. 1.13 kg	40.5mm SERIES 9
20' 6.1m	44mm	110 1/mm	2 lbs. 7 oz. 1.11 kg	40.5mm SERIES 9
20' 6.1m	44mm	100 1/mm	2 lbs. 9 oz. 1.16 kg	40.5mm SERIES 9
30' 9.1m	44mm	100 1/mm	2 lbs. 15 oz. 1.33 kg	40.5mm SERIES 9
40' 12.2m	44mm	90 1/mm	7 lbs. 2 oz. 3.23 kg	40.5mm
50' 15.2m	44mm	90 1/mm	7 lbs. 2 oz. 3.23 kg	40.5mm
50' 15.2m	44mm	100 1/mm	3 lbs. 1.36 kg	40.5mm SERIES 9
60' 18.3m	44mm	80 1/mm	14 lbs. 6.35 kg	40.5mm
50' 15.2m	44mm	90 1/mm	7 lbs. 6 oz. 3.35 kg	40.5mm
125' 38.1m	44mm	80 1/mm	14 lbs. 6 oz. 6.46 kg	40.5mm
60' 18.3m	44mm	80 1/mm	14 lbs. 8 oz. 6.6 kg	40.5mm

***Image Diameter Required to Cover:

Video: 1/2" -8mm
3/4" 11mm
1" CCTV -15.8mm

Film: 16mm -12.8mm
Super 16 -14.5mm

35 Academy -27mm
35 Full -32mm

35 Still -44mm



TELE-ATHENAR II INTERCHANGEABLE CAMERA MOUNTS

A complete series of Interchangeable Camera Mounts is available to fit the Century Tele-Athenar II telephoto lenses. These unique adapters allow a single Tele-Athenar II to be used on almost any film or video camera.

Most Interchangeable Camera Mounts will accept 40.5mm screw-in filters.

Adapters are currently available to fit the following cameras:

Aaton	Mitchell
Arriflex	Nikon
Bolex	Olympus
"C" Mount	Panasonic
Canon	Panavision
Cinema Products	Pentax
Contax	Photosonics
Eclair	RCA
Hitachi	Sharp
Ikegami	Sony
JVC	Thomson
Konica	Toshiba
Leica	Yashica

Others are available on a special order basis.

TELE-EXTENDERS

Extenders are an effective way to increase the versatility of Tele-Athenar II telephoto lenses. 1.4X and 2.0X modern ultra-high performance extenders have been carefully manufactured to complement our superior lenses.

Extenders, in Century's neutral mount, fit between the lens and the camera adapter, thus permitting the same extender to be used with a wide variety of video and film cameras.

Differing opto-mechanical requirements of various video and film cameras preclude universal compatibility. Please ask for information on specific combinations.



EXTENSION TUBES

To increase close focusing ability (beyond that shown in the table), Century makes a set of two extension tubes, one and two inches (25mm and 50mm) in length.

SUPPORT BRACKETS

High-power telephoto lenses require rigid interface with the camera and tripod. A well-designed support bracket insures steady pictures and prevents undue wear or damage to the camera/lens combination.

Century support brackets are constructed from the finest materials available. Emphasis is on light weight, consistent with structural integrity. Our exclusive roller-bearing supports fea-



ture Thompson "ball bushings" and hardened stainless rods to guarantee smooth, vibration-free movement during follow-focus shots.

Most brackets are adjustable to fit a variety of video and film cameras. Century also provides custom brackets for unusual combinations.

CASES

Foam-padded soft cases are available to protect Tele-Athenars. For shipping or other rugged handling, customers may specially order cases constructed of aluminum/fiberglass and other sturdy materials.

Century precision optics
A DIVISION OF CENTURY PRECISION INDUSTRIES, INC.