

# Custom Primes

For 16mm and 35mm film, 2/3" video and 35mm SLR Cameras



Canon 300mm f/2.8L Custom Prime with Ikegami HL-79D camera.



Canon 14mm f/2.8L Custom Prime.



Canon 400mm f/2.8L Custom Prime with Arriflex 35III camera.

## HISTORICAL PERSPECTIVE

Century Precision Optics has been manufacturing and repairing high performance lenses for the professional image maker for 40 years. Century engineers and technicians have performed critical optical bench tests on almost every lens available. This wealth of knowledge and experience uniquely qualifies Century to determine which lenses are the best suited for a given application.

There is substantial demand among the motion picture and video industry for high performance specialty optics such as long telephoto lenses. However, the relatively small quantity required and the high costs of engineering and manufacturing have prevented the major lens manufacturers from making these specialty lenses.

To fill this need, Century looked to the 35mm SLR lenses available today. Until recently, the optical performance of 35mm SLR lenses was not adequate for professional motion picture and video applications. However, competition among manufacturers for the growing professional still market which demanded fast, high-quality optics, resulted in some superior lenses. Improvements in optical design yielded innovations such as internal focusing. New exotic low-dispersion (ED) glasses and substances such as fluorite have minimized chromatic aberration, yielding outstanding color correction and image sharpness.

## CUSTOM MODIFICATION

Century selects the finest SLR lenses and specially modifies them to suit the stringent requirements of the motion picture and video industry. In many cases, the rear section of the lens is heavily modified to include a new manual diaphragm calibrated in "T" stops. Additionally, Century's exclusive Interchangeable Mount System is installed on most lenses allowing them to accept Century Interchangeable Camera Adapters available for most popular 16/35mm film, 2/3" video, and 35mm SLR cameras.

Century adds new lenses to the Custom Prime line as they are introduced by the manufacturers. Please inquire regarding the latest lenses offered. Please call Century regarding custom adaptation and modification of all types of lenses.

## CUSTOM PRIME LENSES

Custom Primes (except where otherwise noted) do not include a specific mount, but are supplied with Century Interchangeable Mount System. Interchangeable Camera Adapters (TM series) must be ordered separately.

- CM-C128 14mm f/2.8L, Canon\*
- CM-C328 300mm f/2.8L, Canon
- CM-C340 300mm f/4.0L, Canon
- CM-C428 400mm f/2.8L, Canon
- CM-C445 400mm f/4.5, Canon
- CM-C545 500mm f/4.5L, Canon
- CM-C645 600mm f/4.5, Canon
- CM-C856 800mm f/5.6L, Canon
- CM-CZ16 150-600mm f/5.6L, Canon
- CM-N220 200mm f/2, Nikkor
- CM-N240 200mm f/4, Micro Nikkor
- CM-N320 300mm f/2.0, Nikkor
- CM-N328 300mm f/2.8, Nikkor
- CM-N435 400mm f/3.5, Nikkor
- CM-N640 600mm f/4, Nikkor

Note: Polarizer Modification for 500mm f/4.5L, 600mm f/4.5, & 800mm f/5.6L Canon lenses

\*Not available in interchangeable mount system. Please specify BNCR, Arri B or PL mount when ordering.

## INTERCHANGEABLE CAMERA ADAPTERS -

For Motion Picture Cameras

- TM-00AA Aaton
- TM-00AB Arri Bayonet
- TM-00AL Arri PL
- TM-00AS Arri Standard
- TM-00BB Bolex Bayonet
- TM-00BN BNCR
- TM-00CA Eclair CA-1
- TM-00CC Century "C" mount
- TM-00CP CP-16R
- TM-00CT Century "T" mount
- TM-00MR Mitchell R35
- TM-00PV Panavision

For Video Cameras

- TM-1K77 Ikegami HL-77
- TM-1K79 Ikegami HL-79
- TM-EC35 Ikegami EC-35
- TM-S330 Sony BVP 300-330
- Also fits: RCA TK-86, Thompson 2/3" Panasonic Recam
- TM-RC76 RCA TK-76
- TM-00CC Century "C" mount

Inquire regarding adapters to fit cameras not listed.



Canon 400mm f/2.8L Custom Prime.

## TELE-EXTENDERS

Century offers matched 1.4x and 2x tele-extenders (made by the original manufacturer) to be used with most Custom Primes. Century's Interchangeable Mount System allows them to be used with popular 16/35 film, 2/3" video, and 35mm SLR cameras.

- XC-CA14 1.4 Extender (Canon type A optics)
- XC-CA20 2.0x Extender (Canon type A optics)
- XC-N320 2.0x Extender (Nikon TC-301 optics)

Note: Please inquire regarding extenders to fit motion picture and video cameras not listed. Century also manufactures custom extenders in 1.4x, 1.5x, 2x and 3x models.

## FILTERS

Most Century Interchangeable Camera Adapters are threaded to allow the use of 40.5mm behind-the-lens filters (available from Century). A special behind-the-lens rotating mount for polarizing filters is available as an option for some models.

**Century** precision optics  
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10713 BURBANK BLVD. NORTH HOLLYWOOD, CA 91601 TELEX: 66-2419 (818) 766-3715

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