

# Manual and DC Iris Vari-Focal Lenses

- **High-Quality Optics**
- **1/3-inch and 1/2-inch formats**
- **Reliable, Robust Construction**
- **Choice of Focal Length Options**
- **Compact Design**
- **Manual and DC iris Versions**
- **Manual Focus and Zoom Control**



Vari-focal lenses are the most versatile and practical lenses to use when the job calls for optimization of angular field on site. Surveillance effects are maximized since any desired angle of field can be obtained. There is no need to carry several different focal length lenses for an installation job. Installation can be more efficient because the installer can find the desired angles of field without moving the camera set-up. Once installed, even if the field of view requirements change, the system can still be used simply by altering the focal length setting of the lens.

This lens series are compact, rugged, 1/3-inch and 1/2-inch image format manual and DC iris varifocal lenses. Their high sensitivity and reliability provide optimal performance in all environments.

These lenses are provided with a standard CS mount for use with a wide variety of cameras. The connection for the DC iris control are is a 4-pin standard plug that fits directly into the cameras iris output.

Impressive optical quality is a result of combined high standards for resolution, contrast reproduction and lens coating.

The mechanical construction has been designed to withstand the frequent control operations of the iris, zoom, and focus operations.

For a cost effective lens that provides the high quality and reliability needed to enhance camera images, these lenses are the ideal solution.

# SPECIFICATIONS

## Features - LTC 32xx Series 1/2" Varifocal lenses

	LTC 3261/30	LTC 3264/30	LTC 3271/40	LTC 3274/40
Image format	1/2"	1/2"	1/2"	1/2"
Focal length	4.5 - 10 mm	4.5 - 10 mm	7.5 - 75 mm	7.5 - 75 mm
Iris range	F1.6 - close	F1.6 - 360	F2.2 - close	F2.2 - 360
Focus range	0.3m (1ft) to infinity	0.3m (1ft) to infinity	0.3m (1ft) to infinity	0.3m (1ft) to infinity
Back focus distance	8.6 mm (0.34 in) in air	8.6 mm (0.34 in) in air	8.5 mm (0.34 in) in air	8.5 mm (0.34 in) in air
Weight	40 g (0.09 lb)	50 g (0.11 lb)	215 g (0.47 lb)	220 g (0.48 lb)
Lens mount	CS	CS	CS	CS
Angle of view:				
Wide (HxV)	81.3° X 60.9°	81.3° X 60.9°	46.2° X 35.5°	46.2° X 35.5°
Tele (HxV)	38.2° X 28.7°	38.2° X 28.7°	4.9° X 3.7°	4.9° X 3.7°
Iris control	Manual	4-pin DC control	Manual	4-pin DC control
Focus control	Manual	Manual	Manual	Manual
Zoom control	Manual	Manual	Manual	Manual

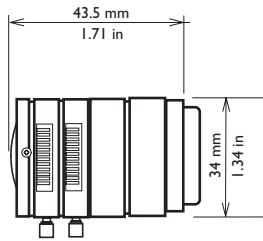
## Features - LTC 33xx Series 1/3" Varifocal lenses

	LTC 3361/20	LTC 3364/21	LTC 3361/30	LTC 3364/31
Image format	1/3"	1/3"	1/3"	1/3"
Focal length	2.8 - 6 mm	2.8 - 6 mm	3.5 - 8 mm	3.5 - 8 mm
Iris range	F1.2 - close	F1.4 - 200	F1.4 - close	F1.4 - 200
Focus range	0.3m (1ft) to infinity	0.3m (1ft) to infinity	0.3m (1ft) to infinity	0.35m (1.1ft) to infinity
Back focus distance	8.66 mm (0.34 in) in air	7.54 mm (0.3 in) in air	8.66 mm (0.34 in) in air	7.79 mm (0.31 in) in air
Weight	83 g (0.18 lb)	59 g (0.13 lb)	48 g (0.1 lb)	55 g (0.12 lb)
Lens mount	CS	CS	CS	CS
Angle of view:				
Wide (HxV)	88.7° x 69.2°	96.9° X 72.5°	71.4° X 54.8°	79.8° X 58.8°
Tele (HxV)	44.2° x 34.0°	46.7° X 35.1°	33.0° X 25.2°	35.4° X 26.6°
Iris control	Manual	4-pin DC control	Manual	4-pin DC control
Focus control	Manual	Manual	Manual	Manual
Zoom control	Manual	Manual	Manual	Manual

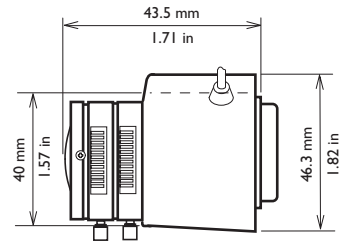
## Features - LTC 33xx Series 1/3" Varifocal lenses

	LTC 3361/40	LTC 3364/40	LTC 3371/20	LTC 3374/20
Image format	1/3"	1/3"	1/3"	1/3"
Focal length	2.8 - 12	2.8 - 12	5 - 50 mm	5 - 50 mm
Iris range	F1.4 - close	F1.4 - 360	F1.4 - close	F1.4 - 185
Focus range	0.3 m (1 ft) to infinity	0.3 m (1 ft) to infinity	1 m (3.3 ft) to infinity	1 m (3.3 ft) to infinity
Back focus distance	8.6 mm (0.34 in) in air	8.6 mm (0.34 in) in air	10.05 mm (0.4 in) in air	10.05 mm (0.4 in) in air
Weight	72 g (0.16 lb)	79 g (0.17 lb)	85 g (0.187 lb)	97 g (0.213 lb)
Lens mount	CS	CS	CS	CS
Angle of view:				
Wide (HxV)	97.4° X 72.5°	97.4° X 72.5°	53.4° X 40.1°	53.4° X 40.1°
Tele (HxV)	24.1° X 18.1°	24.1° X 18.1°	5.3° X 4.1°	5.3° X 4.1°
Iris control	Manual	4-pin DC control	Manual	4-pin DC control
Focus control	Manual	Manual	Manual	Manual
Zoom control	Manual	Manual	Manual	Manual

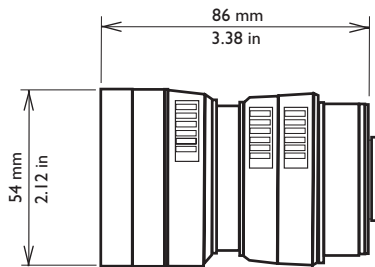
## Features - LTC 32xx Series



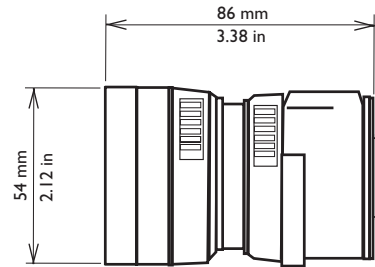
Dimensions LTC 3261/30



Dimensions LTC 3264/30

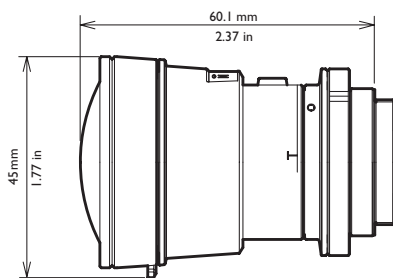


Dimensions LTC 3271/40

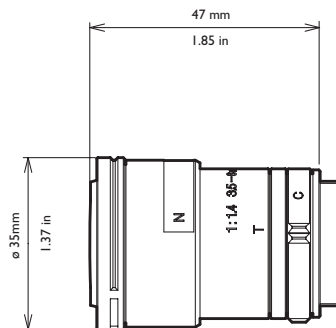


Dimensions LTC 3274/40

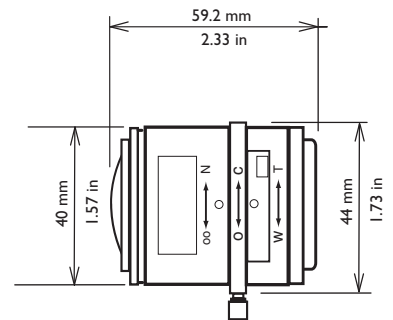
## Features - LTC 336I Series



Dimensions LTC 3361/20

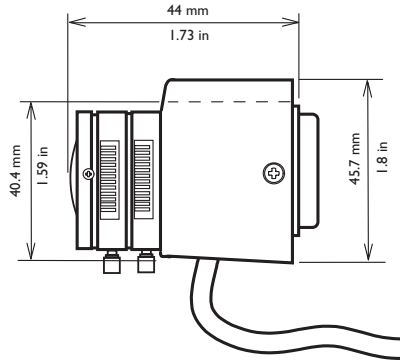


Dimensions LTC 3361/30

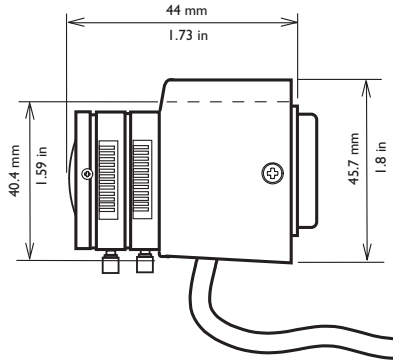


Dimensions LTC 3361/40

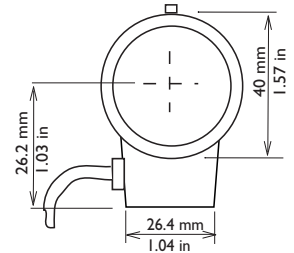
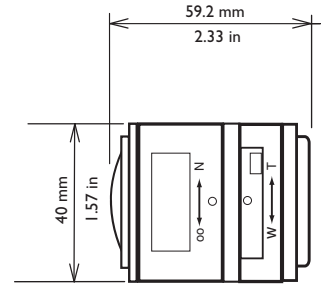
## Features - LTC 3364 Series



Dimensions LTC 3364/21

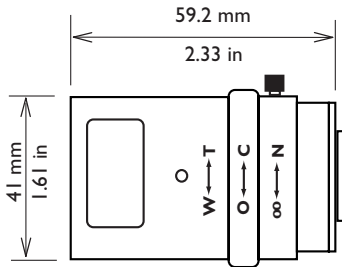


Dimensions LTC 3364/31

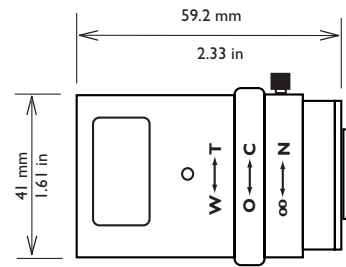


Dimensions LTC 3364/40

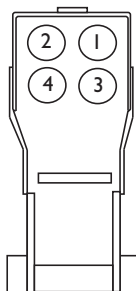
## Features - LTC 337x Series



Dimensions LTC 3371/20



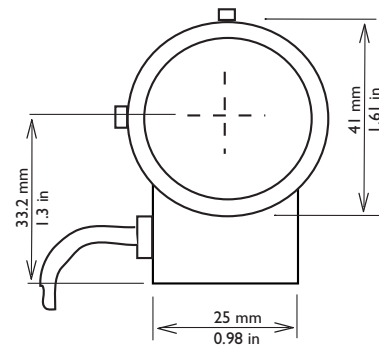
## Features - Connector



4-pin Connector (Front view)

### Passive-iris 4-pin

- Pin 1: Damping coil -
- Pin 2: Damping coil +
- Pin 3: Driving coil + (open)
- Pin 4: Driving coil -



Dimensions LTC 3374/20

