



13ZD Series Motorized Zoom Lens

1/3-INCH FORMAT, AUTO IRIS (DIRECT DRIVE)

Product Features

- CS Mount
- Spot Filter
- For Use with 1/3-Inch Format Cameras
- Auto Iris (Direct Drive, No Amplifier), Motorized Focus and Zoom (with or without Presets)
- High Resolution Power in Compact Body



13ZD5.6X20

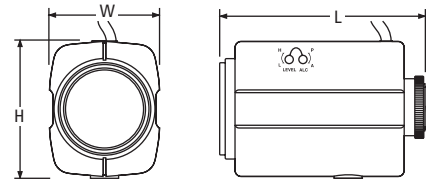
Pelco's **13ZD Series** of 1/3-inch motorized zoom lenses cover a wide range of applications from wide angle to telephoto. Each auto iris lens in this series covers a specific range of focal lengths and is available with or without preset positioning.

Appropriate for indoor and outdoor lighting situations, the **13ZD Series** lenses will fit all 1/3-inch CS-mount cameras requiring DC-drive auto iris lenses. In addition, all auto-iris lenses include a spot filter. A factory-installed, square four-pin auto iris connector is standard.

Lenses in this series are available in 8X, 10X, 15X, 20X, and 30X zoom with varying focal lengths.

Various maximum apertures of f1.4 to f1.8 and a minimum aperture of f360 allow excellent performance characteristics across a wide range of lighting conditions.

Select the model lens that best suits your needs from the Technical Specifications section of this product specification sheet.



	H	W	L
13ZD6X8(P)	3.15 (8.00)	2.57 (6.53)	4.23 (10.74)
13ZD6X10(P)	3.15 (8.00)	2.73 (6.93)	4.77 (12.12)
13ZD6X15(P)	3.15 (8.00)	2.73 (6.93)	4.77 (12.12)
13ZD5.6X20(P)	3.15 (8.00)	2.73 (6.93)	4.84 (12.29)
13ZD5.5X30(P)	3.15 (8.00)	3.43 (8.71)	6.57 (16.69)

NOTE: ALL MEASUREMENTS ARE WITH LENSES FULLY EXTENDED (FOCUS-NEAR MODE).
VALUES IN PARENTHESES ARE CENTIMETERS;
ALL OTHERS ARE INCHES.



TECHNICAL SPECIFICATIONS

MODELS

	13ZD6X8/ 13ZD6X8P	13ZD6X10/ 13ZD6X10P	13ZD6X15/ 13ZD6X15P
Type	Motorized Zoom	Motorized Zoom	Motorized Zoom
Format Size	1/3-inch	1/3-inch	1/3-inch
Mount Type	CS	CS	CS
Focal Length	6–48 mm	6–60 mm	6–90 mm
Zoom Ratio	8X	10X	15X
Relative Aperture (F)	1.4–360	1.6–360	1.6–360
Operation			
Iris	Auto (Direct Drive)	Auto (Direct Drive)	Auto (Direct Drive)
Focus	Motorized*	Motorized*	Motorized*
Zoom	Motorized*	Motorized*	Motorized*
Angle of View			
Diagonal	7.3°–54.4°	5.8°–54.3°	3.9°–54.3°
Horizontal	5.8°–44.2°	4.7°–44.2°	3.1°–44.2°
Vertical	4.4°–33.5°	3.5°–33.5°	2.4°–33.5°
Minimum Object Distance	1.0 m	1.0 m	1.0 m
Back Focal Length	10.10 mm	9.55 mm	9.55 mm
Filter Size (mm)	46P0.75	55P0.75	55P0.75
Unit Weight	0.92 lb (0.42 kg)	1.19 lb (0.54 kg)	1.43 lb (0.65 kg)
Shipping Weight	2 lb (0.90 kg)	3 lb (1.36 kg)	3 lb (1.36 kg)
	13ZD5.6X20/ 13ZD5.6X20P	13ZD5.5X30/ 13ZD5.5X30P	
Type	Motorized Zoom	Motorized Zoom	
Format Size	1/3-inch	1/3-inch	
Mount Type	CS	CS	
Focal Length	5.6–112 mm	5.5–165 mm	
Zoom Ratio	20X	30X	
Relative Aperture (F)	1.6–360	1.8–360	
Operation			
Iris	Auto (Direct Drive)	Auto (Direct Drive)	
Focus	Motorized*	Motorized*	
Zoom	Motorized*	Motorized*	
Angle of View			
Diagonal	3.2°–59.4°	2.1°–58.7°	
Horizontal	2.6°–47.6°	1.7°–47.6°	
Vertical	1.9°–35.7°	1.3°–33.9°	
Minimum Object Distance	1.5 m	1.8 m	
Back Focal Length	8.97 mm	15.5 mm	
Filter Size (mm)	55P0.75	72P0.75	
Unit Weight	1.23 lb (0.56 kg)	1.84 lb (0.83 kg)	
Shipping Weight	3 lb (1.36 kg)	3 lb (1.36 kg)	

*Model numbers with P suffix are motorized with preset capability.

CERTIFICATIONS

- CE, Class B (all models)

OPTIONAL ACCESSORIES

LDC100	Auto iris drive converter. Converts a DC-drive auto iris lens to a video drive auto iris lens. Compatible with all lens size formats.
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