

13ZD*X* 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

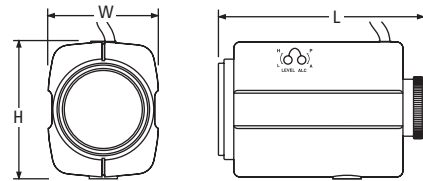
Pelco's **13ZD*X* Series** of 1/3-inch motorized zoom lenses cover a wide range of applications from wide angle to telephoto. Each auto iris lens in this series covers a specific range of focal lengths and is available with or without preset positioning.

Appropriate for indoor and outdoor lighting situations, the **13ZD*X* 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 6X, 8X, 10X, 15X, 20X, and 30X zoom with varying focal lengths.

Various maximum apertures of f0.95 (for difficult low-light applications) 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	
13ZD6X6(P)	3.15	(8.00)	2.57	(6.53)	3.47	(8.81)
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

	13ZD6X6/ 13ZD6X6P	13ZD6X8/ 13ZD6X8P	13ZD6X10/ 13ZD6X10P	13ZD6X15/ 13ZD6X15P
Type	Motorized Zoom	Motorized Zoom	Motorized Zoom	Motorized Zoom
Format Size	1/3-inch	1/3-inch	1/3-inch	1/3-inch
Mount Type	CS	CS	CS	CS
Focal Length	6–36 mm	6–48 mm	6–60 mm	6–90 mm
Zoom Ratio	6X	8X	10X	15X
Relative Aperture (F)	0.95–360	1.4–360	1.6–360	1.6–360
Operation				
Iris	Auto (Direct Drive)	Auto (Direct Drive)	Auto (Direct Drive)	Auto (Direct Drive)
Focus	Motorized*	Motorized*	Motorized*	Motorized*
Zoom	Motorized*	Motorized*	Motorized*	Motorized*
Angle of View				
Diagonal	9.7°–53.7°	7.3°–54.4°	5.8°–54.3°	3.9°–54.3°
Horizontal	7.8°–43.7°	5.8°–44.2°	4.7°–44.2°	3.1°–44.2°
Vertical	5.9°–33.0°	4.4°–33.5°	3.5°–33.5°	2.4°–33.5°
Minimum Object Distance	1.0 m	1.0 m	1.0 m	1.0 m
Back Focal Length	8.66 mm	10.10 mm	9.55 mm	9.55 mm
Filter Size (mm)	46P0.75	46P0.75	55P0.75	55P0.75
Unit Weight	0.88 lb (0.40 kg)	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)	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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