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

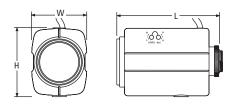
Pelco's **13ZD Series** of 1/3-inch motorized zoom lenses cover a wide range of applications from wide angle to telephoto. Each auto iris lens in this series covers a specific range of focal lengths and is available with or without preset positioning.

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 4-pin auto iris connector is standard.

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

Maximum apertures of f/1.6 or f/1.8 and a minimum aperture of f/360 allow excellent performance characteristics across a wide range of lighting conditions.

NOTE: VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



MODEL	Н	W	L
13ZD6X8	8.00 (3.15)	6.93 (2.73)	12.12 (4.77)
13ZD6X10(P)	8.00 (3.15)	6.93 (2.73)	12.12 (4.77)
13ZD6X15P	8.00 (3.15)	6.93 (2.73)	12.12 (4.77)
13ZD5.6X20(P)	8.00 (3.15)	<mark>6.93 (2.73)</mark>	12.29 (4.84)
13ZD5.5X30(P)	8.00 (3.15)	8.71 (3.43)	16.69 (6.57)

NOTE: MEASUREMENTS ARE WITH LENSES FULLY EXTENDED (FOCUS-NEAR MODE).





TECHNICAL SPECIFICATIONS

MODELS

		IJZDUATU/	
	13ZD6X8	13ZD6X10P	13ZD6X15P
Туре	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)	1.6 ~ 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	0.42 kg (0.92 lb)	0.54 kg (1.19 lb)	0.65 kg (1.43 lb)
Shipping Weight	0.90 kg (2.0 lb)	1.36 kg (3.0 lb)	1.36 kg (3.0 lb)
	13ZD5.6X20/	13ZD5.5X30/	
	13ZD5.6X20P	13ZD5.5X30P	
Туре	Motorized Zoom	13ZD5.5X30P Motorized Zoom	
Format Size	Motorized Zoom 1/3-inch	13ZD5.5X30P Motorized Zoom 1/3-inch	
Format Size Mount Type	Motorized Zoom 1/3-inch CS	13ZD5.5X30P Motorized Zoom 1/3-inch CS	
Format Size Mount Type Focal Length	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm	
Format Size Mount Type Focal Length Zoom Ratio	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f)	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f)	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive)	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360 Auto (Direct Drive)	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized*	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360 Auto (Direct Drive) Motorized*	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive)	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360 Auto (Direct Drive)	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized*	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360 Auto (Direct Drive) Motorized* Motorized*	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* 3.2° ~ 59.4°	13ZD5.5X30P Motorized Zoom 1/3-inch CS 5.5 ~ 165 mm 30X 1.8 ~ 360 Auto (Direct Drive) Motorized* Motorized* 2.1° ~ 58.7°	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} ~ 59.4^{\circ}$ $2.6^{\circ} ~ 47.6^{\circ}$	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical	Motorized Zoom 1/3-inch CS $5.6 \sim 112 \text{ mm}$ 20X $1.6 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} \sim 59.4^{\circ}$ $2.6^{\circ} \sim 47.6^{\circ}$ $1.9^{\circ} \sim 35.7^{\circ}$	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical Minimum Object Distance	Motorized Zoom 1/3-inch CS $5.6 \sim 112 \text{ mm}$ 20X $1.6 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} \sim 59.4^{\circ}$ $2.6^{\circ} \sim 47.6^{\circ}$ $1.9^{\circ} \sim 35.7^{\circ}$ 1.5 m	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$ 1.8 m	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical Minimum Object Distance Back Focal Length	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} ~ 59.4^{\circ}$ $2.6^{\circ} ~ 47.6^{\circ}$ $1.9^{\circ} ~ 35.7^{\circ}$ 1.5 m 8.97 mm	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$ 1.8 m 15.5 mm	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical Minimum Object Distance Back Focal Length Filter Size (mm)	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} ~ 59.4^{\circ}$ $2.6^{\circ} ~ 47.6^{\circ}$ $1.9^{\circ} ~ 35.7^{\circ}$ 1.5 m 8.97 mm 55P0.75	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$ 1.8 m 15.5 mm 72P0.75	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical Minimum Object Distance Back Focal Length Filter Size (mm) Unit Weight	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} ~ 59.4^{\circ}$ $2.6^{\circ} ~ 47.6^{\circ}$ $1.9^{\circ} ~ 35.7^{\circ}$ 1.5 m 8.97 mm 55P0.75 0.56 kg (1.23 lb)	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$ 1.8 m 15.5 mm 72P0.75 0.83 kg (1.84 lb)	
Format Size Mount Type Focal Length Zoom Ratio Relative Aperture (f) Operation Iris Focus Zoom Angle of View Diagonal Horizontal Vertical Minimum Object Distance Back Focal Length Filter Size (mm)	Motorized Zoom 1/3-inch CS 5.6 ~ 112 mm 20X 1.6 ~ 360 Auto (Direct Drive) Motorized* Motorized* $3.2^{\circ} ~ 59.4^{\circ}$ $2.6^{\circ} ~ 47.6^{\circ}$ $1.9^{\circ} ~ 35.7^{\circ}$ 1.5 m 8.97 mm 55P0.75	13ZD5.5X30P Motorized Zoom 1/3-inch CS $5.5 \sim 165 \text{ mm}$ 30X $1.8 \sim 360$ Auto (Direct Drive) Motorized* Motorized* $2.1^{\circ} \sim 58.7^{\circ}$ $1.7^{\circ} \sim 47.6^{\circ}$ $1.3^{\circ} \sim 33.9^{\circ}$ 1.8 m 15.5 mm 72P0.75	

13ZD6X10/

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

CERTIFICATIONS

- CE, Class B (all models)
- C-Tick

 Pelco by Schneider Electric

 3500 Pelco Way, Clovis, California 93612-5699 United States

 USA & Canada Tel (800) 289-9100 Fax (800) 289-9150

 International Tel +1 (559) 292-1981 Fax +1 (559) 348-1120

 www.pelco.com